

33

 1.000V
IEC 60900



1000V / VDE

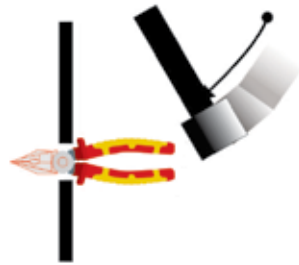
 **ALTAPRO**

DISTRIBUIDOR OFICIAL PARA CHILE

EGA Master ofrece una extensísima colección de herramientas de seguridad aisladas 1000V: alicates, destornilladores, llaves ajustables, cortacables de carraca, pinzas, cuchillos, tenazas, llaves fijas y de estrella, llaves de vaso (con sus correspondientes accesorios y juegos), arcos de sierra, etc.

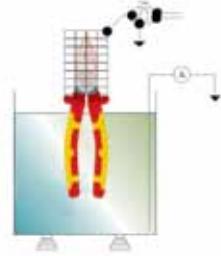
EGA Master offers a huge range of safety 1000V insulated handtools: pliers, screwdrivers, adjustable wrenches, tweezers, knives, sockets, spanners, hacksaws...

EGA Master offre une vaste gamme d'outils isolés 1000V: pinces, tournevis, clés réglables, brucelles, couteaux, douilles, clés, scies à métaux...



TEST DE IMPACTO
IMPACT TEST
TEST D'IMPACT

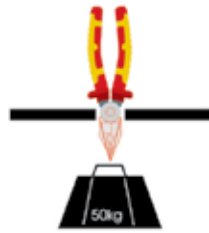
 1.000V
IEC 60900



TEST DIELECTRICO A 10.000V
DIELECTRIC TEST AT 10.000V
TEST DIELECTRIQUE À 10.000V



TEST DE PENETRACIÓN
PENETRATION TEST
TEST DE PENETRATION



TEST DE ADHERENCIA DE MANGOS
TESTING OF ADHESIVENESS
TEST D'ADHERENCE
KLEBTEST



TEST DE NO PROPAGACIÓN DE LLAMA
HEAT RESISTANCE TEST
TEST DE COMBUSTIBILITE

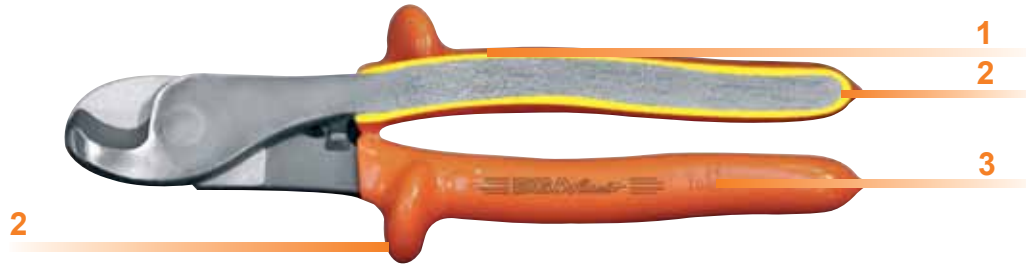
Las herramientas aisladas de EGA Master cumplen con la normativa IEC 60900, siendo sometidas todas ellas al test dieléctrico a 10.000V (es decir, a una intensidad 10 veces mayor de la certificada). Las herramientas son objeto también de los tests de adherencia, penetración dieléctrica, impacto y propagación de llama, de acuerdo a la rigurosa norma europea.

EGA Master insulated tools comply with IEC 60900 international standard, each one of the pieces being tested at 10,000V (10 times the voltage we certify). They are also tested rigorously according to what the norms establishes: adherence test, impact test, flame propagation test and dielectric penetration test.

Les outils isolés d'EGA Master sont conformes au norme IEC 60900. Chaque pièce est testée à 10.000V (nous certifions 10 fois la tension). Elles sont rigoureusement testées suivant les normes établies: essai d'adhérence, essai au choc, essai de propagation de flamme et essai de pénétration diélectrique.



- 1.** El doble aislamiento de PVC duro-blando ofrece máxima adherencia y seguridad ante posibles imprevistos.
 Double hard-soft PVC insulation provides maximum adherence and safety.
 La double isolation de PVC Dur-souple offre une adhérence optimale et une sécurité contre les imprévus.



- 2.** Guardamanos y extremidades anti-choque.
 Anti-shock guards and ends.
 Poignées et extrémités anti-chocs.

- 3.** Marcado láser indeleble.
 Un-erasable laser marking.
 Marquage Laser indélébile.

PRINCIPALES CAMPOS DE APLICACIÓN / MAIN APPLICATION FIELDS / PRINCIPALES DOMAINES D'APPLICATION

Instaladores eléctricos / Electrical installation Électriciens	Redes de alta tensión / High Voltage networks Réseaux hautes tensions	Mantenimiento eléctrico / Electric maintenance Maintenance électrique
Centrales Eléctricas / Power Plants Centrales électriques	Redes de baja tensión / Low Voltage networks Réseaux de basse tension	Bomberos / Fire-fighters / Pompiers
Estaciones y subestaciones eléctricas Electric Stations and substations Stations et subdivisions électriques	Telecomunicaciones / Telecommunications Télécommunications	Instalación y reparación de alumbrado Lighting Installation and repair Voiries et réseaux divers (VRD)

PRECAUCIONES / CAUTION / PRÉCAUTIONS

- 1** No emplear nunca la herramienta en aplicaciones bajo tensión si la protección presenta poros, fisuras, elementos incrustados o se ve la capa inferior de color amarillo / **Don't ever use tools under voltage if they present pores, fissures, encrusted elements or if the yellow insulation layer is visible** / Ne jamais utiliser l'outillage en tension si la protection semble poreuse, présente des fissures, que des corps étrangers sont incrustés ou que la couche inférieure est jaune.
- 2** Se recomienda emplear suelos aislantes y calzado de seguridad en trabajos bajo tensión / **Insulating floors and safety shoes are recommended to work under voltage** / Pour des travaux sous tension, nous recommandons de travailler avec des tapis isolants et des chaussures de sécurité.
- 3** Evite el contacto con agua mientras realice trabajos bajo tensión / **Avoid contact with water while working under voltage** / Éviter tout contact avec l'eau lors de réalisation des travaux de sous tension.
- 4** No tocar directamente ninguna pieza susceptible de estar bajo tensión. Emplear un comprobador de tensión o tester / **Do not ever touch directly any item that may be under voltage. Use a voltage tester to check first** / Ne jamais toucher directement, une pièce susceptible d'être sous tension.

CERTIFICADO DE HERRAMIENTAS AISLADAS VDE
CERTIFICATE OF VDE INSULATED TOOLS
CERTIFICAT D'OUTILS ISOLÉS VDE

VDE Prüf- und Zertifizierungsinstitut

**ZEICHENGENEHMIGUNG
MARKS APPROVAL**

EGA Master S.A.
Zorroleta St. 11
Jundiz Industrial Estate
01015 VITORIA
SPAIN

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Zange, isoliert
Pliers, insulated

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach /
Tested and certified according to

DN EN 60900 (VDE 0682-201:2013-04; EN 60900:2012)

Das Produkt entspricht den Anforderungen des deutschen Produktsicherheitsgesetzes (ProdSG) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit.
The product covers the requirements of the German Act "Produktsicherheitsgesetz (ProdSG)" regarding the insurance of safety and health.



Befristet zum / valid until: 2018-07-31

Aktenzeichen: 2176300-3945-0011 / 203796
File ref.:
Ausweis-Nr.: 40029860 Blatt 1
Certificate No. Page
Weitere Bedingungen siehe Rückseite und Folienblätter /
Further conditions see overleaf and following pages
Offenbach, 2010-04-15
(letzte Änderung / updated: 2015-01-13)

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / Certification
M. Loda

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:
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TITACROM BIMAT 1000V TITACROM[®] BIMAT

UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALE / UNIVERSAIS / КОМБИНИРОВАННЫЕ

1.000V IEC 60900
DIN 5746

COD	L	A	B	C	D	1	2	1,5	240	6	1
76582	165	36	15	10	38	3	2	1,5	240	6	1
76583	180	38	14	11	41	3,5	2,2	1,5	280	6	1
76584	200	43	17	12	50	4	2,5	2	330	6	1

Cr-V

BOCA PLANA / FLAT NOSE / BECS PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ

1.000V IEC 60900
DIN 5745

COD	L	A	B	C	170	6	1
76589	160	55	8,5	40	170	6	1

Cr-V

BOCA REDONDA / ROUND NOSE / BECS RONDOS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

1.000V IEC 60900
DIN 5745

COD	L	A	B	C	D	160	6	1
76590	160	41	2	10	39	160	6	1

Cr-V

TELEFONISTA / LONG NOSE / TELEPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / С УДЛИННЕННЫМИ НОСАМИ

1.000V IEC 60900
DIN 5745

COD	L	A	B	C	D	E	1	1,6	1	170	6	1
76591	160	48	12	9,5	2,3	50	2,5	1,6	1	170	6	1
76592	200	70	14	10,5	2,6	80	3,2	2,2	1,5	210	6	1

Cr-V

TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TELEPHONE BECS COUDES / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗГНУТЫМИ НОСАМИ

1.000V IEC 60900
DIN 5745

COD	L	A	B	C	D	E	F	32°	47	2,5	1,6	1	170	6	1
76593	160	41	12	9,0	2,7	32°	47	2,5	1,6	1	170	6	1		
76594	200	65	14	11	3,3	32°	70	3,2	2,2	1,5	210	6	1		

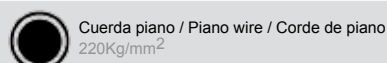
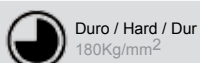
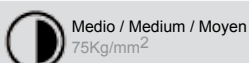
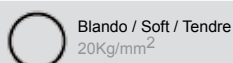
Cr-V

CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИННЕННЫЕ ТОНКИЕ

1.000V IEC 60900
DIN 5749

COD	L	A	B	C	D	3	2,2	1,5	210	6	1
76595	160	25	20	10	25	3	2,2	1,5	210	6	1
76596	190	32	26	11	29	3,2	2,5	2	250	6	1

Cr-V

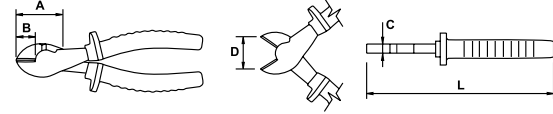


TITACROM BIMAT 1000V TITACROM® BIMAT

CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORÇEES / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ

1.000V
IEC 60900

DIN 5749



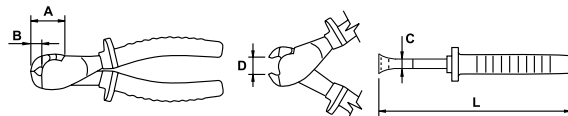
	COD	L	A	B	C	D	1	2	3	gr.	6	1
76597	180	43	21	11	25	3,2	2,5	2	350	6	1	
76598	200	48	21	11	21	3,5	2,7	2,2	380	6	1	

Cr-V

CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ

1.000V
IEC 60900

DIN 5748



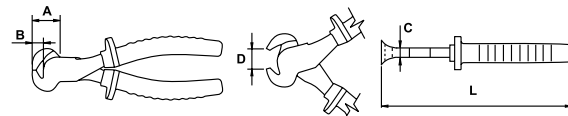
	COD	L	A	B	C	D	1	2	3	gr.	6	1
76599	160	27	9	11	9	3	2,5	2	250	6	1	

Cr-V

CORTE FRONTAL ELECTRICISTA / END CUTTING NIPPER (ELECTRICIAN) / COUPANTES DEVANT ELECTRICIEN / ELEKTRIKER VORSCHNEIDER / TAGLIO FRONTALE PER ELETTRICISTI / CORTE FRONTAL ELECTRICISTA / КЛЕЩИ (ЭЛЕКТРИЧЕСКИЕ)

1.000V
IEC 60900

DIN 5748



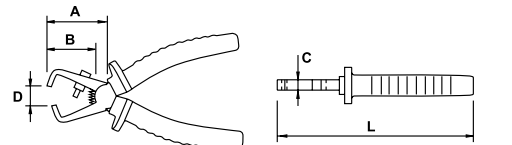
	COD	L	A	B	C	D	1	2	3	gr.	6	1
76600	160	20	9	11	19	3	2,3	2	250	6	1	
76602	200	22	11	14	19	3,5	2,8	2	410	6	1	

Cr-V

PELACABLES / WIRESTRIPPER / PINCES À DÉNUDER / ABISOLIERZANGEN / PINZE SPELAFILI / DESCARADORES / КЛЕЩИ ДЛЯ ЗАЧИСТКИ КОНТАКТОВ

1.000V
IEC 60900

DIN 5743



	COD	L	A	B	C	D	1	2	3	gr.	6	1
76603	160	0,5-6mm	44	37	9	21	170	6	1			

Cr-V

KIT

A



B



UN. COD A: 76604
COD B: 76605

UN.	COD	DESCRIPTION	SIZE
1	76607	TITACROM	180mm
	76616	TITACROM	160mm
	76603	TITACROM	160mm

Cr-V



Blando / Soft / Tendre
20Kg/mm²



Medio / Medium / Moyen
75Kg/mm²



Duro / Hard / Dur
180Kg/mm²



Cuerda piano / Piano wire / Corde de piano
220Kg/mm²

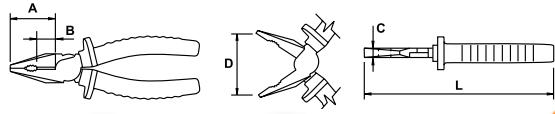
MASTERCUT TITACROM BIMAT 1000V

TITACROM® BIMAT

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1.000V IEC 60900

DIN 5746

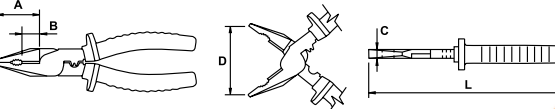


COD	L	A	B	C	D						
76606	165	35	14	10	39	3,5	2,5	2	220	6	1
76607	180	40	16	11	50	4			230	6	1
76609	210	44	19		60	4,5	2,8	2,2	280	6	1

Cr-V

1.000V IEC 60900

DIN 5746



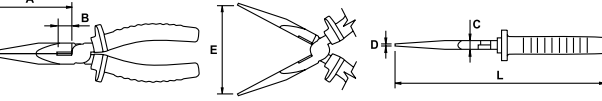
COD	L	A	B	C	D						
76611	235	43	19	13	55	5	3	2,5	380	6	1

Cr-V

TELEFONISTA / LONG NOSE / TELEPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA /
с УДЛИННЕННЫМИ НОСАМИ

1.000V IEC 60900

DIN 5745



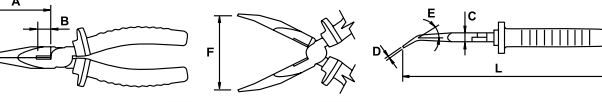
COD	L	A	B	C	D	E						
76612	160	55	11	9,5	2,5	46	3	2	1,5	170	6	1
76613	200	75	15		3	70	3,5	2,5	2	210	6	1

Cr-V

TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TELEPHONE BECS COUDES / TELEFONZANGEN GEBOGEN /
TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / с ИЗОГНУТЫМИ НОСАМИ

1.000V IEC 60900

DIN 5745



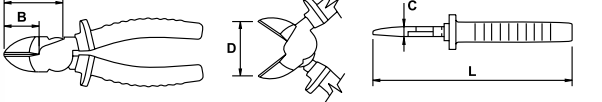
COD	L	A	B	C	D	E	F						
76614	160	50	13	9,5	3	32°	41	3	2	1,5	170	6	1
76615	200	75	14				90	3,5	2,5	2	210	6	1

Cr-V

CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE /
CORTE DIAGONAL / УДЛИННЕННЫЕ ТОНКИЕ

1.000V IEC 60900

DIN 5749



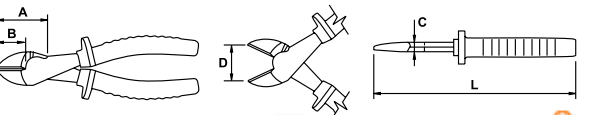
COD	L	A	B	C	D						
76616	160	37	23	11	35	3	2,5	2	210	6	1
76617	190	40	25		29	3,5	2,7	2,2	250	6	1

Cr-V

CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCEES / VERSTÄRKTER
SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ

1.000V IEC 60900

DIN 5749



COD	L	A	B	C	D						
76618	180	40	21	12	24	3,5	2,7	2,2	350	6	1
76619	200				22	4	3	2,5	380	6	1

Cr-V



Blando / Soft / Tendre
20Kg/mm²



Medio / Medium / Moyen
75Kg/mm²



Duro / Hard / Dur
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Cuerda piano / Piano wire / Corde de piano
220Kg/mm²

ALICATE DE PRESIÓN / PRESSURE PLIER / PINCE DE PRÉHENSION / KLEMMZANGE / PINZA A PRESSIONE / ALICATE TIPO UNIVERSAL ISOLADO / СЖИМАЮЩИЕ КЛЕЩИ

COD	 L mm	 gr.
73248	150	90

Para el montaje y bloqueo de contadores / for meter assembly and meter blocking / conçue pour le montage et le verrouillage des compteurs



 1.000V
IEC 60900

GRAPA / INSULATING CLAMP / AGRAFE / KLEMMZANGE ISOLIERT / MORSETTO ISOLATO / GRAMPO ISOLADO / ИЗОЛИРОВАННЫЕ КЛЕЩИ

COD	CAPACIDAD DE AGARRE CLAMPING CAPACITY CAPACITÉ D'ADHÉRENCE	 L mm	 gr.
73249	15mm	150	65

Para sujeción de las mantas aislantes / for holding insulating mats in place / pour fixer des nappes isolantes



 1.000V
IEC 60900

ELECTRICIDAD / ELECTRICIAN TOOLS / OUTILLAGE D'ELECTRICIEN / ELEKTRIKERMESSEER / FERRAMENTI PER ELETTRICISTI / ELECTRICIDADE / ИНСТРУМЕНТ ДЛЯ ЭЛЕКТРИКА

ALICATE PARA UNIÓN DE CABLES AISLADOS Y NO AISLADOS / PLIER FOR CABLE LINKS INSULATED & NO INSULATED / PINCE POUR UNION DE CABLES ISOLES ET NON ISOLES / ZANGE FÜR ISOLIERTE UND NICHT ISOLIERTE KABELSCHUHE / PINZE PER UNIRE CAVI ISOLATI E NON ISOLATI / ALICATE PARA UNIÃO DE CABOS ISOLADOS E NÃO ISOLADOS / КЛЕЩИ ДЛЯ ИЗОЛИРОВАННЫХ И НЕИЗОЛИРОВАННЫХ КОНТАКТОВ

COD	 L mm	CAP. mm ²	 gr.	 gr.	 gr.
73257	230	0,75-6	250	6	1



NEW

TIJERAS / SCISSORS / CISEAUX / SCHERE / CESCOIE / TESOIRA / НОЖНИЦЫ

	COD	 L mm	 gr.	 gr.
	79057	160	98	1



NEW

 1.000V
IEC 60900

	COD	 L mm	 gr.	 gr.
	79058	160	98	1



NEW

 1.000V
IEC 60900

Muesca pequeña / Small breach / Petite brèche

	COD	 L mm	 gr.	 gr.
	79059	160	98	1





NEW

 1.000V
IEC 60900





Muesca grande / Big breach / Grande brèche

CORTACABLES DE CARRACA / RATCHET ELECTRICIAN CABLE CUTTER / COUPE-CABLES À CLIQUET / KABELSCHNEIDER MIT RATSCHHE / TAGLIACAVI CRICCO PER ELETTRICI / CORTA CABOS DE ROQUETE PARA ELECTRICISTA / КАБЕЛЕРЕЗЫ С ТРЕЩЕТОЧНЫМ МЕХАНИЗМОМ

COD	 L mm	 mm	CU	AL	 gr.	 gr.
73010	260	32	240mm ²	300mm ²	600	3
73011	380	52	400mm ²	600mm ²	800	6



 1.000V
IEC 60900

COD	 L mm	 mm	CU	AL	 gr.	 gr.
73504	450	70	800mm ²	1000mm ²	3700	1

NEW



 1.000V
IEC 60900

PELACABLES / CABLE STRIPPER / PINCES À DÉNUDER / ABISOLIERZANGE / SPELACAVI / DECAPADOR DE CABOS / СТРИПЕР

COD	 mm	ESPESOR THICKNESS ÉPAISSEUR	 L mm	 gr.
73088	Ø25-45mm	2mm	245mm	550







 1.000V
IEC 60900

PELACABLES PARA CABLES XLPE / WIRE STRIPPER FOR XLPE CABLES / PINCE À DÉNUDER POUR CÂBLES XLPE / ABISOLIERZANGE FÜR VPE-KABEL / SPELAFILI PER CAVI XLPE / ALICATE DESCARNADOR PARA XLPE / КЛЕЩИ ДЛЯ СНЯТИЯ ИЗОЛЯЦИИ С КАБЕЛЕЙ XLPE

COD		
62121	280mm	670







PINZAS / TWEEZERS / BRUCELLES / GREIFPINZETTEN / PINZETTE DI PRECISIONE / PINÇAS / ПИНЦЕТЫ

COD				
73040	130	15	12	1







Boca Fina / Neat Tips / Becs Fins

COD				
73041	150	15	12	1



45°

CUCHILLOS / KNIVES / COUTEAUX / MESSER / COLTELLI / FACCA / НОЖИ

COD				
73035	170	110	12	50






Recto / Straight / Droit

COD				
73036	180	100	12	30



Curvo / Curved / Coudé




BOQUILLAS ENCHUFABLES / PLASTIC SLIP-ON CLAPS / EMBOUTS DE SÉCURITÉ / KUNSTSTOFF-ÜBERZIEH-GRIFFE / UGELLI SLIP-STOP / PROTECTORES DE ENCAIXE PARA CAVO / ПЛАСТИКОВЫЕ РУКОЯТКИ

COD	CONDUCTOR CONDUCTOR CONDUCTEUR			
73277	1 #	10mm	100	10
73278	2 #			
73279	3 #			



Para protección contra puntas desnudas de cables en tensión /
to cover bare live cable ends / protège contre le contact avec des conducteurs dénudés sous tension

BOQUILLAS DE AUTOFIJACIÓN / SELF CLAMPING SLIP-ON CLAPS / EMBOUTS DE SÉCURITÉ AUTOBLOQUANTS / SELBTSKLEMMENDE KUNSTSTOFF-ÜBERZIEH-GRIFFE / UGELLI AUTOBLOCCANTI / PROTECTORES DE ENCAIXE AUTOMÁTICO PARA CAVO / ПЛАСТИКОВЫЕ РУКОЯТКИ САМОФИКСИРУЮЩИЕСЯ





COD			
73287	10	80	10
73288	20	100	25
73289	30	110	45



Para protección contra puntas desnudas de cables en tensión /
to cover bare live cable ends / protège contre le contact avec des conducteurs dénudés sous tension

TENAZAS / PINCERS / PINCES / ZANGE / TENAGLIE / ALICATES / КЛЕЩИ

TENAZA DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSEE / WASSERPUMPENZANGE / PINZE REGOLABILI / БИГО DE PARAGAIO / ШАРНИРНЫЕ

COD				
73004	10"	400	6	1
73005	12"	600		






PICO DE LORD / GROOVE JOINT / MULTIPRISE À CREMAILLERE / WASSERPUMPENZANGE / PINZE REGOLABILI / БИГО DE PARAGAIO / С ЖЕЛОБКОВЫМ МЕХАНИЗМОМ

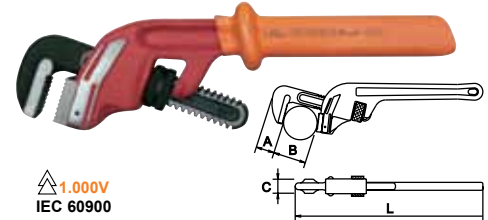
COD				
73001	10"	450	6	1



TENAZAS / PINCERS / PINCES / ZANGE / TENAGLIE / ALICATES / КЛЕЩИ




LLAVE HEAVY DUTY CURVA / OFFSET HEAVY DUTY PIPE WRENCH / CLÉ SERRE-TUBES HEAVY DUTY COUDEE / BEKRÖPFTES ROHRZANGE / GIRATUBI MODELLO AMERICANO CURVO / CHAVE HEAVY DUTY INCLINADA / ИЗОГНУТЫЕ ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК

COD	L	A	B	C	Kg			
76758	8"	16	1"	20	0,4		6	1
76759	10"	20	1.1/2"	23	0,9		6	1
76760	12"	22		26	1,4		6	1
76761	14"	25	2"	29	1,6		5	1
76762	18"	27	2.1/2"	33	2,4		3	-



 1.000V
IEC 60900

TENAZAS CORTACABLES / CABLE CUTTERS / COUPE-CABLES / KABELSCHNEIDER / CESCOIE PER CAVI / TESOURAS CORTA CABOS / КАБЕЛЕРЕЗЫ

COD	L	mm	inch.	Ø	CU / AL	gr.			
76147		150	6"	Ø9mm	35mm ²	180		6	1



 1.000V
IEC 60900



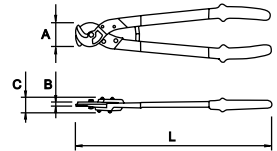
COD	L	mm	inch.	Ø	CU / AL	gr.			
73008		250	10"	Ø9mm	63mm ²	500		6	1

 1.000V
IEC 60900



COD	L	mm	inch.	A	B	C	gr.		
73009		600mm	24"	70mm	16mm	55mm	1850		1

 1.000V
IEC 60900






CORTAVARILLAS / BOLT CUTTERS / COUPE-BOULONS / BOLZENSCHNEIDER / TAGLIABULLONI / CORTA VARÃO / АРМАТУРНЫЕ НОЖНИЦЫ

COD	L	CAP	Kg		
73020	18"	30Kg/mm ² 140Kg/mm ²	8-6	1,7	1
73021	24"		10-8	2,7	

 1.000V
IEC 60900



CORTATUBOS PARA TUBO DE PLÁSTICO / PLASTIC PIPE CUTTER / COUPE-TUBE PLASTIQUE / KUNSTSTOFFROHRSCHERE / CESCOIA PER TUBI DI PLASTICA / TESOURA PARA TUBO DE PLASTICO / ТРУБОРЕЗ ДЛЯ ПЛАСТИКА




COD	O.D.	gr.				V
76145	64mm	600	5	1		64752

 1.000V
IEC 60900



 KEVLAR, PVC, PE, PP, PB, VPE, PVDF, MLP, HTA, PPR, PEX, MULTILAYER

CORTABRIDAS / PLASTIC TIE CUTTER / PINCE COUPE COLLIERS PLASTIQUES / KABELBINDER SCHNEIDER / PINZA TAGLIA FASCETTE IN NYLON / CORTA-ABRAÇADEIRA / РЕЗАК ДЛЯ ПЛАСТИКОВЫХ ХОМУТОВ

COD	L	gr.			
73042	150mm	100		6	1



 1.000V
IEC 60900



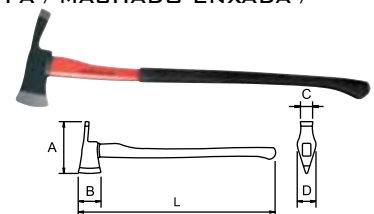
Corta bridas sin dañar los cables
It cuts the ties without damaging the cables
Il coupe les colliers plastiques sans abîmer les cables

RCD N° 2029504

НАША АЗАДА / HOE AXE / HACHE HOUE / WIEDEHOPFHACKE / ASCIA A ZAPPA / MACHADO ENXADA / ТОПОР МОТЫГА

COD	L	A	B	C	D	Kg		
67243	910	310	110	80	29	1,5		6

FIBRA DE VIDRIO / FIBERGLASS / FIBRE DE VERRE / FIBERGLASS / FIBRA DI VETRO / FIBRA DE VIDRO / ФИБЕРГЛАСС



ARCO DE SIERRA / HACK SAW / MONTURE DE SCIE À METAUX / METALLSÄGEN GEBOGEN / ARCHETTI / ARCO DE SERRA / НОЖОВКА

COD	Gr.	Gr.	Gr.
73029	6"-150mm	500	1
73030	12"-300mm	800	1



LLAVES AJUSTABLES / ADJUSTABLE WRENCHES / CLÉS À MOLETTE / ROLLGABELSCHLÜSSEL / CHAVI REGOLABILI A RULLINO / CHAVES AJUSTAVELS / РАЗВОДНЫЕ КЛЮЧИ

LLAVES AJUSTABLES / ADJUSTABLE WRENCHES / CLÉS À MOLETTE / ROLLGABELSCHLÜSSEL / CHIAVI REGOLABILI A RULLINO / CHAVES AJUSTAVELS / РАЗВОДНЫЕ КЛЮЧИ

TITACROM®

COD	L	A	B	C	D	Gr.	Gr.	Gr.
76550	6"-150mm	20	47	19	6,5	200		
76551	8"-200mm	25	55	24	7,5	360	4	1
76552	10"-250mm	30	70	29	8,5	600		
76553	12"-300mm	35	85	33	10	950		



FOSFATADA / PHOSPHATED / PHOSPHATEE BRUNIE / PHOSPHATIERT / FINITURA BRUNITA / BRUNIDA / ЧЕРЕННЫЕ

COD	L	A	B	C	D	Gr.	Gr.	Gr.
76554	6"-150mm	20	47	19	6,5	195		
76555	8"-200mm	25	55	24	7,5	370	4	1
76556	10"-250mm	30	70	29	8,5	650		
76557	12"-300mm	35	85	33	10	1050		



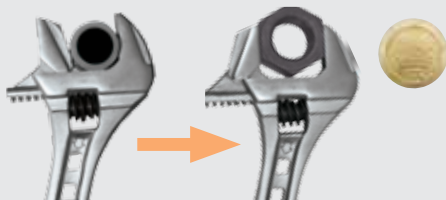
SCANDINAVIAN TYPE / LEFT TURN

FOSFATADA / PHOSPHATED / PHOSPHATEE BRUNIE / PHOSPHATIERT / FINITURA BRUNITA / BRUNIDA / ЧЕРЕННЫЙ

COD	L	A	B	C	D	Gr.	Gr.	Gr.
76570	6"-150mm	20	47	19	6,5	195		
76571	8"-200mm	25	55	24	7,0	370	4	1
76572	10"-250mm	30	70	29	8,5	650		
76573	12"-300mm	35	85	33	10	1050		



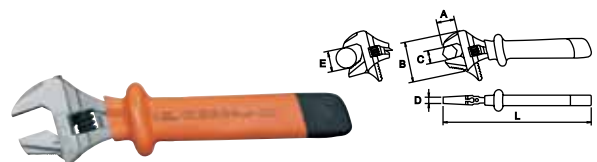
COMBI / KOMBI / КОМБИ



Llave ajustable con mordaza móvil reversible, para uso en elementos poligonales (tuercas) y cilíndricos (tubo)
Adjustable wrench with reversible movable jaw to use in polygonal elements (nuts) and cylindrical (pipes)
Clé à molette avec mâchoire mobile réversible, pour l'utilisation dans des éléments polygonaux (écrous) et cylindriques (tube)

TITACROM®

COD	L	A	B	C	D	E	Gr.	Gr.	Gr.
76562	10"-250mm	30	70	29	8,5	1.1/4	650	4	1
76563	12"-300mm	35	80	33	10	1.1/2	1050		

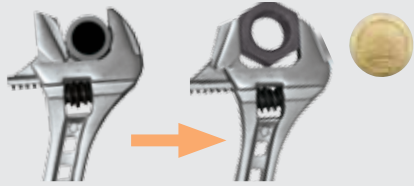


Las ajustables aisladas a 1000V no se pueden homologar ya que la moleta no puede ser aislada, por lo tanto no se puede garantizar la seguridad del usuario, aunque el material aislante cumple la norma IEC-60900 en cuanto a resistencia eléctrica.

The insulated adjustable wrenches 1000V can not be homologated as the wheel nut can not be insulated. The safety of the user can not be guaranteed, even though the insulated material fulfils the requirements of the norm IEC-60900 regarding the electrical resistance.

Les clés à molette isolées 1000 V ne peuvent être homologuées, la molette ne pouvant être isolée, nous ne pouvons garantir la sécurité de l'utilisateur, malgré que le matériau isolant est conforme à la norme IEC-60900 sur la résistance électrique.

COMBI / KOMBI / КОМБИ





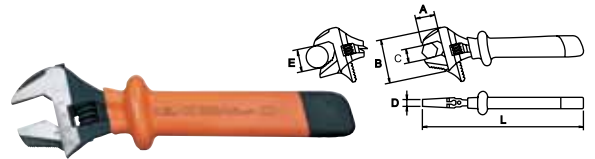
Llave ajustable con mordaza móvil reversible, para uso en elementos poligonales (tuercas) y cilíndricos (tubo)

Adjustable wrench with reversible movable jaw to use in polygonal elements (nuts) and cylindrical (pipes)

Clé à molette avec mâchoire mobile réversible, pour l'utilisation dans des éléments polygonaux (écrous) et cylindriques (tube)



FOSFATADA / PHOSPHATED / PHOSPHATEE BRUNIE / PHOSPHATIERT / FINITURA BRUNITA / BRUNIDA / ЧЕРЕННЫЕ

COD	L	A	B	C	D	E	gr.		
76564	10"-250mm	30	70	29	8,5	1.1/4	650	4	1
76565	12"-300mm	35	80	33	10	1.1/2	1050		



SCANDINAVIAN TYPE / LEFT TURN

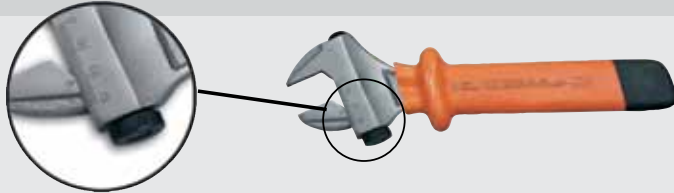
FOSFATADA / PHOSPHATED / PHOSPHATEE BRUNIE / PHOSPHATIERT / FINITURA BRUNITA / BRUNIDA / ЧЕРЕННЫЕ

COD	L	A	B	C	D	E	gr.		
76574	10"-250mm	30	70	29	8,5	1.1/4	650	4	1
76575	12"-300mm	35	80	33	10	1.1/2	1050		



Las ajustables aisladas a 1000V no se pueden homologar ya que la moleta no puede ser aislada, por lo tanto no se puede garantizar la seguridad del usuario, aunque el material aislante cumple la norma IEC-60900 en cuanto a resistencia eléctrica.
 The insulated adjustable wrenches 1000V can not be homologated as the wheel nut can not be insulated. The safety of the user can not be guaranteed, even though the insulated material fulfils the requirements of the norm IEC-60900 regarding the electrical resistance.
 Les clés à molette isolées 1000 V ne peuvent être homologuées, la molette ne pouvant être isolée, nous ne pouvons garantir la sécurité de l'utilisateur, malgré que le matériau isolant est conforme à la norme IEC-60900 sur la résistance électrique.

MOLETA LATERAL / LATERAL NUT / MOLETTE LATÉRAL / MIT SCHNECKENROLLE / RULLINO LATERALE / MOLETA LATERAL / РИГУЛИРОВОЧНАЯ ШАЙБА





Llave ajustable con moleta lateral

Adjustable wrench with lateral turning knob.



Clé à molette avec molette latérale.

TITACROM®

COD	L	A	B	C	D	gr.		
76578	6"-150mm	19	55	19	8,5	200		
76579	8"-200mm	24	65	24	9,5	400	4	1
76580	10"-250mm	30	78	29	11	600		
76581	12"-300mm	36	93	33	13	1000		



1000V







COD	L	A	B	C	D	gr.		
79470	8"-200mm	25	95	29	11	370		
79471	10"-250mm	32	105	33		620	1	1
79472	12"-300mm	40	120	38	14	1000		



LLAVES / WRENCHES / CLÉS / SCHLÜSSEL / CHIAVI / CHAVES / КЛЮЧИ





FIJA DE UNA BOCA / SINGLE ENDED OPEN JAW SPANNER / À FOURCHE / EINMAULSCHLÜSSEL / FISSE SEMPLICE / FIXA DE UMA BOCA / ОДНОРОЖКОВЫЙ КЛЮЧ

MM

COD				
73086	5,5mm	15	10	1
73060	6mm			
73061	7mm			
 73062	8mm			
73063	9mm			
 73064	10mm			
73065	11mm			
73066	12mm			
 73067	13mm			
73068	14mm			
73069	15mm			
73070	16mm			
 73071	17mm			
73072	18mm			
 73073	19mm			
73074	20mm			
73075	21mm			
 73076	22mm			
73078	23mm			
 73077	24mm			
 73079	27mm			
73080	28mm			
73081	29mm			
73082	30mm			
 73083	32mm			



INCH.

COD				
73043	1/4"	30	10	1
73044	9/32"			
73045	5/16"			
73046	3/8"			
73047	7/16"			
73048	1/2"			
73049	9/16"			
73050	5/8"			
73051	11/16"			
73052	3/4"			
73053	13/16"			
73054	7/8"			
73055	15/16"			



KIT DEMO 6 LLAVES / 6 SPANNER DEMO KIT / KIT DÉMO. 6 CLÉS / DEMOKIT 6 SCHLÜSSEL / KIT 6 CHIAVI DI DIMOSTRAZIONE / KIT DEMO 6 CHAVES / ДЕМО НАБОР ИЗ 6 КЛЮЧЕЙ

COD	Composicion / Composition			
69342	61727	Cr-V Aeroespacial	8mm	300
	61627	Cr-V Espejo - Mirror		
	73062	Cr-V 1000V		
	70172	Cu-Be		
	70684	Al-Bron		
	71669	Titanium		





LLAVE DE ESTRELLA ACODADA UNA BOCA / OFFSET RING WRENCH / CLÉ POLYAGONALE INCLINE / GEKRÖPFTE RINGSCHLÜSSEL / CHIAVE POLIGONALE AD UNA BOCCA / CHAVE DE LUNETAS INCLINADA / КЛЮЧ ИЗОГНУТАЯ ЗВЕЗДОЧКА

MM

COD	AF	L mm	gr.		
73090	6mm	140	50		
73091	7mm	145			
73092	8mm	150	55		
73093	9mm	155	75		
73094	10mm	160	80		
73095	11mm	170	90		
73096	12mm	180	100		
73097	13mm	180	105		
73098	14mm	190	130		
73099	15mm	200	140	10	
73100	16mm	200	150		
73101	17mm	210	160		
73102	18mm		210		
73103	19mm	220	230		
73105	21mm	240	280		1
73106	22mm	250	300		
73107	23mm	260	320		
73108	24mm	260	350		
73109	26mm	300			
73110	27mm		550		
73111	28mm	310	600		
73112	29mm				
73113	30mm				
73114	32mm	330	650	5	
73115	36mm				
73116	38mm	350	1100		
73117	41mm	380	1150		
73118	42mm	400			
73119	46mm	440	1200		
73104	50mm	460	1300		



INCH.

COD	AF	L mm	gr.		
73347	1/4"	140	50		
73348	5/16"	150	75		
73349	3/8"	160	85		
73350	7/16"	170	95		
73351	1/2"	180	125		
73352	9/16"	190	165		
73353	5/8"	200	190		
73354	11/16"		210	10	
73355	3/4"	220	250		1
73356	13/16"	240	320		
73357	7/8"	250	340		
73358	15/16"	260	390		
73359	1"	270	450		
73360	1.1/16"	280	500	5	
73361	1.1/8"	290	550		
73363	1.1/4"	305	600		





LLAVE DE ESTRELLA DE CARRACA PLANA / RING RATCHET / POLYAGONALE À CLIQUET / KNARRE RINGSCHÜSSEL / CHIAVE POLIGONALE PIATTA CON CRICCO / CHAVE DE LUNETAS COM ROQUETE PLANA / ЗВЕЗДОЧКА С ТРЕЩЕТКОЙ

MM

COD	AF	L mm	gr.		
73145	10mm		45		
79423	11mm	145	65		
79424	12mm		75		
73147	13mm		85		
79425	14mm	160	95		
79426	15mm	165	120		
79427	16mm	170	135	6	1
73150	17mm		150		
79428	18mm	190	175		
73152	19mm	210	190		


INCH.

COD	AF	L mm	gr.		
79429	9/16"	165	103		
79430	3/4"	205	209	6	1
79431	7/8"	235	289		



LLAVE DE ESTRELLA INCLINADA UNA BOCA / ANGLE RING WRENCH / CLÉ DEMI-LUNE / GEBOGEN RINGSCHLÜSSEL / CHIAVE A STELLA INCLINATA / CHAVE LUA / КЛЮЧ ЗВЕЗДОЧКА ИЗОГНУТАЯ






MM

COD					
73120	8mm	90	25	10	1
73121	9mm	100	30		
73122	10mm	110	40		
73123	11mm	115	50		
73124	12mm	125	60		
73125	13mm	135	80		
73126	14mm	140	95		
73127	15mm	145	110		
73128	16mm	150	125		
73129	17mm	160	135		
73130	18mm	170	145		
73131	19mm	175	175		
73133	21mm	185	210		
73134	22mm	195	240		
73135	23mm	210	250		
73136	24mm	230	275		








 1.000V
IEC 60900

INCH.

COD					
73160	5/16"	90	25	10	1
73189	3/8"	110	40		
73190	7/16"	115	50		
73191	1/2"	135	80		
73192	9/16"	140	95		
73198	5/8"	150	125		
73199	11/16"	170	145		
73200	3/4"	175	175		
73201	7/8"	195	240		
73202	15/16"	230	275		

LLAVES DE PIPA ABIERTAS / ANGLED OPEN SOCKETS / CLÉS À PIPE / PFEIFFENKOPFSCHLÜSSEL / CHIAVI A PIPA APERTE / CHAVE DE CACHIMBO ABERTAS / ГОЛОВКА С РУКОЯТКОЙ ПОД 90 ГРАДУСОВ

MM



COD					
73203	8mm	110	45	5	1
73204	9mm		60		
73205	10mm		85		
73206	11mm		100		
73207	12mm		130		
73208	13mm		160		
73209	14mm		185		
73210	15mm		220		
73211	16mm		230		
73212	17mm		280		
73213	18mm	330	1		
73214	19mm	430			
73215	20mm	460			
73216	21mm	500			
73217	22mm	650			
73218	23mm	700			
73219	24mm	750			
73220	25mm	800			
73221	26mm	1000			
73222	27mm	1100			
73223	28mm	1150			
73224	29mm	1300			
73225	30mm	1150			
73226	32mm				
73227	33mm	1300			
73255	36mm	1500			



 1.000V
IEC 60900

LLAVE DE TUBO MANGO EN T / T HANDLE WRENCH / CLÉ EN T / T-GRIFF SCHLÜSSEL / CHIAVE A TUBO CON IMPUGNATURA A T / CHAVES T TUBOLARES / ГОЛОВКА С РУКОЯТКОЙ Т



MM

COD	AF	L mm	Gr.		
73170	6mm	125	70	10	1
73171	7mm	135	85		
73172	8mm		95		
73173	9mm		120		
73174	10mm		140		
73175	11mm		175		
73176	12mm		185		
73177	13mm	220			
73178	14mm	260			
73179	15mm	275			
73180	16mm	290			
73181	17mm	300			
73182	18mm	150	330		
73183	19mm		360		
73184	20mm		370		
73185	21mm	420			
73186	22mm	135	430		
73187	23mm	150	440		
73188	24mm		450		

 1.000V
IEC 60900



EN CRUZ / CROSS RIM WRENCH / CLÉ EN CROIX / KREUZSCHLÜSSEL / CHIAVE A CROCE / CHAVE DE CRUZETA / КРЕСТОБРАЗНЫЙ КЛЮЧ



COD	AF	Gr.		
73165	6-8-10-12mm	280	6	1
73166	7-9-11-13mm	290		
73167	8-10-12-14mm	330		

 1.000V
IEC 60900



LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / WINKELSCHRAUBENDREHER / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ



MM

COD	AF	Gr.		
73155	3mm	16	10	1
73156	4mm	30		
73157	5mm	42		
73158	6mm	55		
73159	8mm	100		

 1.000V
IEC 60900








INCH.






COD	AF	Gr.		
73025	1/8"	20	10	1
73026	3/16"	30		
73027	7/32"	50		
73028	15/64"	55		
73037	5/16"	100		

LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / WINKELSCHRAUBENDREHER / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

MM

COD					
79370	3mm	100	15	10	1
79371	4mm	110	25		
79372	5mm	125	35		
79373	6mm	145	50		
79374	8mm	165	90		
79375	10mm	185	160		
79376	12mm	205	300		

INCH.






COD					
79377	1/8"	100	15	10	1
79378	9/64"	105	18		
79379	5/32"	110	20		
79380	3/16"	110	30		
79381	7/32"	130	40		
79382	1/4"	140	60		
79383	5/16"	155	90		
79384	3/8"	175	150		
79385	7/16"	195	250		
79386	1/2"	215	250		
79387	5/8"	255	400		

NEW



LLAVES HEXAGONALES EN T / T HEXAGONAL KEYS / CLÉS MÂLES EN T / T-INBUSSCHLÜSSEL / CHIAVI ESAGONALI A T / CHAVES HEXAGONAIS EM T / Т-ОБРАЗНЫЕ КЛЮЧИ ДЛЯ ШЕСТИГРАННИКОВ

MM

COD					
79390	5mm	120x90mm	185	10	1
79391	6mm		245		
79392	8mm		245		
79393	10mm		325		






LLAVE DINAMOMÉTRICA / TORQUE WRENCH / CLÉ DYNAMOMÉTRIQUE / DREHMOMENT-SCHRAUBENSCHLÜSSEL / CHIAVE DINAMOMETRICA / CHAVE DINAMOMÉTRICA / ДИНАМОМЕТРИЧЕСКИЕ КЛЮЧИ

COD		N.m	Lb.in	L(mm)		
79433	3/8"	5-25	44,2-211	310	1,1	1

NEW



COD		N.m	L(mm)		
75024	3/8"	20-100	400	1000	1

NEW



 1.000V
IEC 60900

COD		N.m	Lb.ft	L(mm)		
79435	1/2"	20-200	15-150	500	1,4	1

NEW



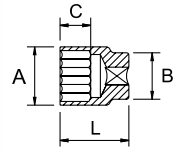
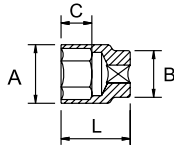
 1.000V
IEC 60900

 1.000V
IEC 60900

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ

1/4"

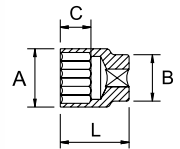
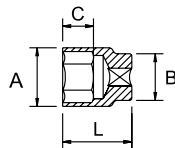
MM



COD	AF	L (mm)	A	B	C	gr.
73230	4mm		11			
73228	4,5mm					
73231	5mm		12			
73229	5,5mm					15
73232	6mm		13		11	
73233	7mm		14			
73234	8mm	42	16	18		10
73235	9mm		17			
73236	10mm		18			25
73237	11mm		19			
73238	12mm		21		15	30
73239	13mm		22			
73240	14mm		23			35

COD	AF	L (mm)	A	B	C	gr.
73241	4mm		11			
73242	4,5mm					
74885	5mm		12			
74886	5,5mm					15
74887	6mm		13		11	
74888	7mm		14			
74889	8mm	42	16	18		10
74890	9mm		17			
74891	10mm		18			25
74892	11mm		19			
74893	12mm		21		15	30
74894	13mm		22			
74895	14mm		23			35

INCH.



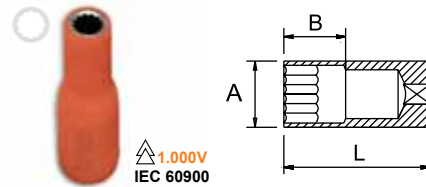
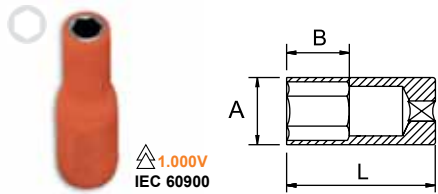
COD	AF	L (mm)	A	B	C	gr.
73366	5/32"		11			15
73367	3/16"					
73368	7/32"		12			
73369	1/4"		13			17
73370	9/32"		14		11	
73371	5/16"	42	16	18		19
73372	11/32"		17			23
73373	3/8"		18			27
73374	7/16"		20			29
73377	15/32"		21		15	30
73375	1/2"		22			35
73376	9/16"		23			

COD	AF	L (mm)	A	B	C	gr.
73365	5/32"		11			15
74900	3/16"					
74901	7/32"		12			
74902	1/4"		13		11	17
74903	9/32"		14			
74904	5/16"	42	16	18		19
74905	11/32"		17			23
74906	3/8"		18			27
74907	7/16"		20			29
74910	15/32"		21		15	30
74908	1/2"		22			35
74909	9/16"		23			

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

1/4"

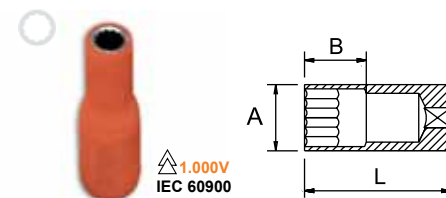
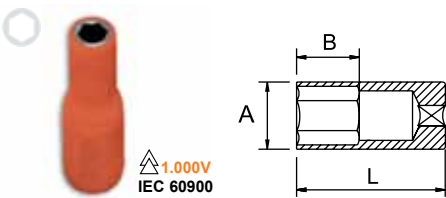
MM



COD	AF	L	A	B	gr.	
		mm				
75050	4mm		7,5			
75051	4,5mm		8,0			
75052	5mm		9,0	8,0		33
75053	5,5mm		10			
75054	6mm		11			
75055	7mm		12	10		
75056	8mm	48				35
75057	9mm		14			42
75058	10mm		15			46
75059	11mm		17			50
75060	12mm		18	12		55
75061	13mm		18			65
75062	14mm		20			

COD	AF	L	A	B	gr.	
		mm				
75070	5mm		9,0			
75071	5,5mm		10			
75072	6mm		11	80		33
75073	7mm		12			
75074	8mm		12	10		35
75075	9mm	48				42
75076	10mm		15			46
75077	11mm		17			50
75078	12mm		17	12		55
75079	13mm		18			65
75080	14mm		20			






INCH.



COD	AF	L	A	B	gr.	
		mm				
75085	3/16"		9,0			
75086	7/32"		10			
75087	1/4"		11	8,0		33
75088	9/32"		13			35
75089	5/16"		13	10		42
75090	11/32"	48				47
75091	3/8"		14			50
75092	7/16"		17			55
75093	1/2"		19	12		65
75094	9/16"		21			





COD	AF	L	A	B	gr.	
		mm				
75100	5/32"		7,0			
75101	3/16"		9,0			
75102	7/32"		10	8,0		33
75103	1/4"		11			
75104	9/32"		13			35
75105	5/16"	48		10		42
75106	11/32"		13			46
75107	3/8"		14			50
75108	7/16"		17			55
75109	1/2"		19	12		65
75110	9/16"		21			

LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD					
73246	1/4"	105	125	6	1








ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD				
73244	50	28	5	1
73245	100	52		








EXTENSIÓN CON MANGO / EXTENSION WITH HANDLE / GRANDE RALLONGE EMMANCHÉE / 4-KT. VERLÄNGERUNG MIT GRIFF / PROLUNGA CON IMPUGNATURA / EXTENSÃO COM CABO / УДЛИНИТЕЛЬ С РУКОЯТКОЙ

COD					
73256	1/4"	270	150	5	1







MANGO EN T / T HANDLE / POIGNÉE T / T-GRIFF / IMPUGNATURA A T / PUNHO DE T / T-ОБРАЗНАЯ РУКОЯТКА

COD					
73243	1/4"	170	140	6	1



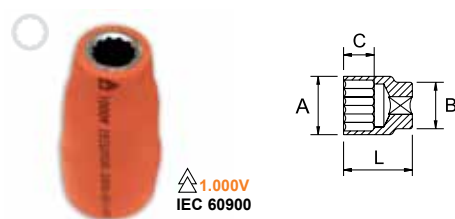
BOQUILLA HEXAGONAL / HEXAGONAL SOCKET / DOUILLE HEXAGONALE / HEXAGONALE EINSÄTZE / BUSSOLA ESAGONALE / BICO HEXAGONAL / ГОЛОВКА С ШЕСТИГРАННИКОМ

COD				
73250	3,0	16	10	1
73251	4,0	18		
73252	5,0	20		
73253	6,0	22		
73254	7,0	24		



3/8"

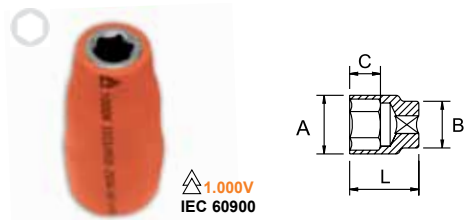
MM



COD	AF	L	A	B	C	gr.	
		mm					
74914	6mm		11			20	
74915	7mm		12				
74916	8mm		13			25	
74917	9mm		14				
74918	10mm		15	17	12	31	
74919	11mm	27	16				
74920	12mm		17				
74921	13mm		18			33	
74922	14mm		20	18			
74923	15mm		22	20	14	35	10
74924	16mm		23				
74925	17mm		24	21			
74926	18mm	29	26	22	16	45	
74927	19mm						
74928	20mm		28	24		50	
74929	21mm					55	
74930	22mm	31	30	26	18	65	
74997	23mm					70	
74998	24mm		32	28		75	

COD	AF	L	A	B	C	gr.	
		mm					
73261	8mm		13			25	
73262	9mm		14				
73263	10mm		15			31	
73264	11mm		16				
73265	12mm		17	17	12	33	
73266	13mm	27	18				
73267	14mm		20	18			
73268	15mm		22	20	14	35	10
73269	16mm		23				
73270	17mm		24	21		45	
73271	18mm	29	26	22	16	50	
73272	19mm					55	
73273	20mm		28	24	18	65	
73274	21mm	31	30	26		70	
73275	22mm					75	

INCH.



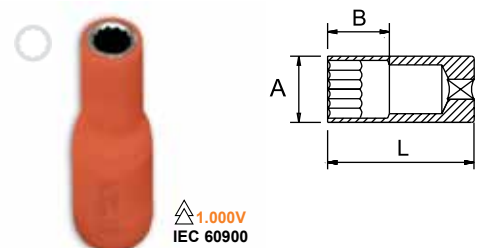
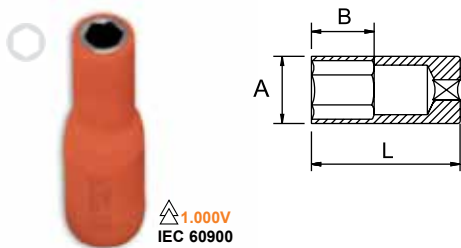
COD	AF	L	A	B	C	gr.	
		mm					
74940	1/4"		12			25	
74941	9/32"		13				
74942	5/16"		14			31	
74943	11/32"		16				
74944	3/8"		17	17	12	33	10
74945	7/16"	27	18				
74946	1/2"		20	18		33	
74947	9/16"				14		

COD	AF	L	A	B	C	gr.	
		mm					
73477	1/4"		12			25	
73478	5/16"		13				
73479	11/32"		14			31	
73480	3/8"		16				
73481	7/16"		17	17	12	33	
73482	1/2"	27	18				
73483	9/16"		20	18		33	10
73484	19/32"						
73485	5/8"		22	19	14	35	
73486	11/16"		24	21		45	
73487	3/4"	29	26	22		50	
73488	13/16"		28	26	16	65	
73489	7/8"	31	30	26	18	70	

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

3/8"

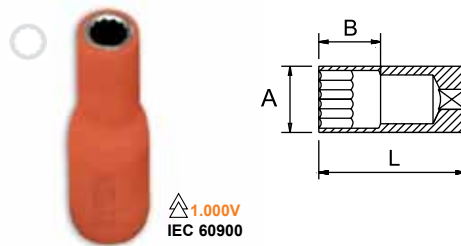
MM



COD	AF	L (mm)	A	B	gr.	
75115	7mm		12		90	
75116	8mm		13	12		
75117	9mm		14			
75118	10mm		15			
75119	11mm		16	14	95	
75120	12mm		18			
75121	13mm		20			
75122	14mm	62				10
75123	15mm		22	18	105	
75124	16mm		24			
75125	17mm		27		135	
75126	18mm		29		165	
75127	19mm		31	20	160	
75129	21mm				185	
75130	22mm				210	






COD	AF	L (mm)	A	B	gr.	
75140	7mm		12		90	
75141	8mm		13	12		
75142	9mm		14			
75143	10mm		15			
75144	11mm		16	14	95	
75145	12mm		18			
75146	13mm		20			
75147	14mm	62				10
75148	15mm		23	18	105	
75149	16mm		25			
75150	17mm		27		135	
75151	18mm		29		165	
75152	19mm		31	20	160	
75153	20mm				185	
75154	21mm				210	
75155	22mm					

INCH.








COD	AF	L (mm)	A	B	gr.	
75160	1/4"		11		90	
75161	5/16"		13	12		
75162	3/8"		15			
75163	7/16"		17	14	95	
75164	1/2"		19			
75165	9/16"		21			
75166	19/32"	62				10
75167	5/8"		22	18	105	
75168	11/16"		24		145	
75169	3/4"		26		160	
75170	13/16"		28	20	185	
75171	7/8"		30		210	

LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBLE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD					
73282	3/8"	190	550	6	1






ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD					
73276		100	110	6	1
73280	3/8"	125	112		
73281		250	290		








BOQUILLA HEXAGONAL / HEXAGONAL SOCKET / DOUILLE HEXAGONALE / HEXAGONALE EINSÄTZE / BUSSOLA ESAGONALE / BICO HEXAGONAL / ГОЛОВКА С ШЕСТИГРАННИКОМ

COD			
73290	3mm	42	10
73291	4mm	44	
73292	5mm	46	
73293	6mm	50	
73294	7mm	65	
73295	8mm	65	
73296	10mm	80	



MANGO EN T / T HANDLE / POIGNÉE T / T-GRIFF / IMPUGNATURA A T / PUNHO DE T / T-ОБРАЗНАЯ РУКОЯТКА





COD					
73283	3/8"	200	600	6	1



ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEILE / ADATTATORE / REDUTOR / АДАПТОР

COD				
73284	3/8"-1/2"	47	5	1



COD				
73285	3/8"-1/4"	65	5	1



1/2"

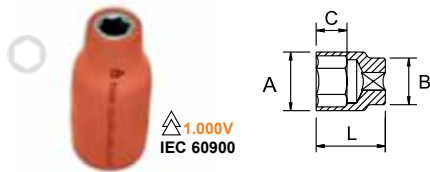
MM



COD	AF	L	A	B	C	gr.
		mm				
74960	8mm		14			50
74961	9mm		15			50
74962	10mm		16		6,0	55
74963	11mm		17		7,0	55
74964	12mm		18	21	8,0	55
74965	13mm		19			60
74966	14mm		21			60
74967	15mm		22		10	60
74968	16mm	40	22			70
74969	17mm		24	22		70
74970	18mm		26	23		90
74971	19mm		26			90
74972	20mm		28	26	12	90
74973	21mm		28			95
74974	22mm		30		14	95
74975	23mm		32	31		110
74976	24mm		32			110
74977	25mm		34		16	140
74978	26mm	44	34			150
74979	27mm		36		18	160
74980	28mm		38	34		170
74981	29mm		38			180
74982	30mm	45	40		20	200
74983	32mm		42	38	22	210

COD	AF	L	A	B	C	gr.
		mm				
73400	8mm		14			50
73401	9mm		15			50
73402	10mm		16		6,0	55
73403	11mm		17		7,0	55
73404	12mm		18	21	8,0	55
73405	13mm		19			60
73406	14mm		21			60
73407	15mm		22		10	60
73408	16mm	40	22			70
73409	17mm		24	22		70
73410	18mm		26	23		90
73411	19mm		26			90
73412	20mm		28	26	12	90
73413	21mm		28			95
73414	22mm		30		14	95
74991	23mm		32	31		110
73416	24mm		32			110
74992	25mm		34		16	140
74993	26mm	44	34			150
73417	27mm		36		18	160
74994	28mm		38	34		170
74995	29mm		38			180
73420	30mm	45	40		20	200
73421	32mm		42	38	22	210

INCH.



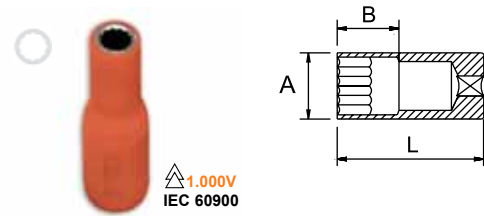
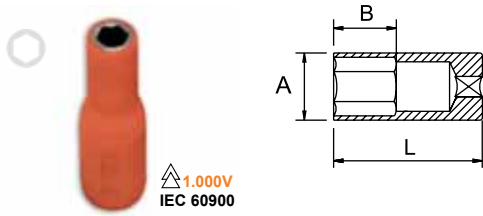
COD	AF	L	A	B	C	gr.
		mm				
75000	5/16"		15			45
75001	3/8"		16			50
75002	7/16"		17			55
75003	1/2"		18	22	14	55
75004	9/16"		21			60
75005	19/32"		22			60
75006	5/8"		22			70
75007	21/32"	38	24	23	16	70
75008	11/16"		24	24		80
75009	3/4"		26			90
75010	25/32"		26			90
75011	13/16"		28	26	20	110
75012	7/8"		28			120
75013	15/16"		30			130
75014	31/32"		32			140
75015	1"		32	30		140
75016	1.1/16"	42	36		24	145
75017	1.1/8"		36			160
75018	1.3/16"		38			170
75019	1.1/4"	45	40	31	28	180
						200

COD	AF	L	A	B	C	gr.
		mm				
73491	5/16"		15			45
73492	3/8"		16			50
73493	7/16"		17			55
73494	1/2"		18	22	14	55
73495	9/16"		21			60
73496	19/32"		22			60
73497	5/8"		22			70
73498	21/32"	38	24	23	16	70
73499	11/16"		24	24		80
73500	3/4"		26			90
75025	25/32"		26			90
73501	13/16"		28	26	20	110
73502	7/8"		28			120
73503	15/16"		30			130
75028	31/32"		32			140
75029	1"		32	30		140
75030	1.1/16"	42	36		24	145
75031	1.1/8"		36			160
75032	1.3/16"		38			170
75033	1.1/4"	45	40	31	28	180
						200

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

1/2"

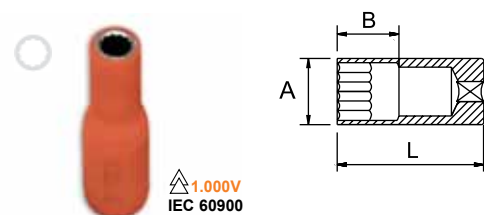
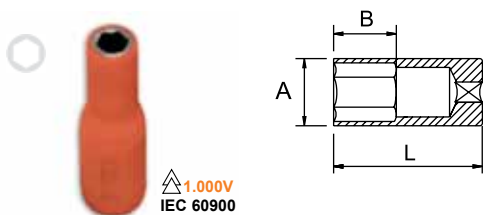
MM



COD	AF	L mm	A	B	gr.	
73430	10mm	17	9,0			
73431	11mm	18	11			
73432	12mm	19	12		140	
73433	13mm	21				
73434	14mm	22				
73435	15mm	23	15			
73436	16mm	24			150	
73437	17mm	26				
73438	18mm	28	18		180	
73439	19mm	30				
73440	21mm	32	21		200	10
73441	22mm	34			250	
73442	23mm	36	24		280	
73443	24mm	38				
75205	26mm	40	27		370	
75206	27mm	42				
75207	28mm				430	
75208	29mm					
75209	30mm				450	
75210	32mm				500	

COD	AF	L mm	A	B	gr.	
75180	10mm	17	9,0			
75181	11mm	18	11			
75182	12mm	19	12		140	
75183	13mm	21				
75184	14mm	22				
75185	15mm	23	15			
75186	16mm	24			150	
75187	17mm	26				
75188	18mm	28	18		180	
75189	19mm	30				
75191	21mm	32	21		200	10
75192	22mm	34			250	
75193	23mm	36	24		280	
75194	24mm	38				
75195	26mm	40	27		370	
75196	27mm	42				
75197	28mm				430	
75198	29mm					
75199	30mm				450	
75200	32mm				520	






INCH.



COD	AF	L mm	A	B	gr.	
73378	3/8"	17	6,0			
73379	7/16"	19	7,0			
73380	1/2"	20	8,0		140	
73381	9/16"	22	10			
73382	5/8"	24	15		150	10
73383	11/16"	26				
73384	3/4"	28	18		170	
73385	13/16"	30			200	
73386	7/8"	32	21		250	
73387	15/16"		24		290	






COD	AF	L mm	A	B	gr.	
75215	3/8"	17	6,0			
75216	7/16"	19	7,0			
75217	1/2"	20	8,0		140	
75218	9/16"	22	10			
75219	5/8"	24	15		150	10
75220	11/16"	26				
75221	3/4"	28	18		170	
75222	13/16"	30			200	
75223	7/8"	32	21		250	
75224	15/16"		24		290	
75225	1"				330	
75226	1.1/16"		36	24	380	
75227	1.1/8"		38		410	

LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD					
73447	1/2"	260	650	6	1








ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD					
73445	1/2"	125	260	5	1
73446		250	360		






MANGO EN T / T HANDLE / POIGNÉE T / T-GRIFF / IMPUGNATURA A T / PUNHO DE T / Т-ОБРАЗНАЯ РУКОЯТКА

COD					
73448	1/2"	200	600	6	1







BOQUILLA HEXAGONAL / HEXAGONAL SOCKET / DOUILLE HEXAGONALE / HEXAGONALE EINSÄTZE / BUSSOLA ESAGONALE / BICO HEXAGONAL / ГОЛОВКА С ШЕСТИГРАННИКОМ

COD			
73455	4mm	75	10
73456	5mm	75	
73457	6mm	80	
73458	7mm	85	
73459	8mm	85	
73460	9mm	90	
73461	10mm	95	
73462	11mm	135	
73463	12mm		
73464	13mm		
73465	14mm		
73468	17mm	160	



ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEILE / ADATTATORE / REDUTOR / АДАПТОР



COD				
73286	1/2"-1/4"	80	5	1
73449	1/2"-3/8"			



JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВКИ



1/4"

6 PCS.

COD		pcs.	
79067	51079	6	mm 850
Pcs.	Descripción / Description	Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V	73246 (1/4")	
4	Vasos / Sockets / Douilles 1000V	8-10-12-13 mm (1/4")	
1	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	5 mm (1/4")	



10 PCS.



COD		pcs.	
79475	51079	10	inch 1
Pcs.	Descripción / Description	Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V	73246 (1/4")	
2	Alargadera / Extension / Rallonge 1000V	73244 / 73245 (1/4")	
7	Vasos / Sockets / Douilles 1000V	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"	

NEW



10 PCS.



SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE

COD		pcs.	
79476	51079	10	inch 1.2
Pcs.	Descripción / Description	Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V	73246 (1/4")	
2	Alargadera / Extension / Rallonge 1000V	73244 / 73245 (1/4")	
7	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"	

NEW





11 PCS.

COD		pcs.	
79068	51079	11	mm 950
Pcs.	Descripción / Description	Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V	73246 (1/4")	
9	Vasos / Sockets / Douilles 1000V	6-7-8-9-10-11-12-13-14 mm (1/4")	
1	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	5 mm (1/4")	





16 PCS.

COD		pcs.	
79069	51053	16	mm 1,5
Pcs.	Descripción / Description	Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V	73246 (1/4")	
1	Alargadera / Extension / Rallonge 1000V	73245 (1/4")	
11	Vasos / Sockets / Douilles 1000V	4-5-6-7-8-9-10-11-12-13-14 mm (1/4")	
3	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	4-5-6 mm (1/4")	



19 PCS.



COD		pcs.	
73014	51053	19	mm 2
Pcs.	Descripción / Description	Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V	73246 (1/4")	
1	Alargadera / Extension / Rallonge 1000V	73245 (1/4")	
1	Extensión con mango / Extension with handle / Grande rallonge emmanchée 1000V	73256 (1/4")	
11	Vasos / Sockets / Douilles 1000V	4-5-6-7-8-9-10-11-12-13-14 mm (1/4")	
5	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	3-4-5-6-7 mm (1/4")	

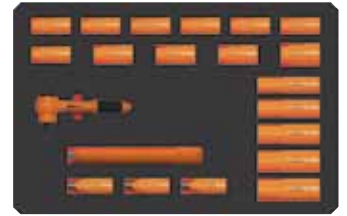


JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВОК 1/4"

21 PCS.



SERIE LARGA Y CORTA / LONG AND SHORT SOCKETS / SÉRIE LONGUE ET COURTE

COD		pcs.		
79070	51053	21	mm	1,8
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73246 (1/4")	
1	Alargadera / Extension / Rallonge 1000V		73245 (1/4")	
11	Vasos / Sockets / Douilles 1000V		4-5-6-7-8-9-10-11-12-13-14 mm (1/4")	
5	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V		8-10-12-13-14 mm (1/4")	
3	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V		4-5-6 mm (1/4")	





3/8"

8 PCS.

COD		pcs.		
79071	51079	8	mm	1,5
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
4	Vasos / Sockets / Douilles 1000V		8-10-13-17 mm (3/8")	
2	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V		4-5 mm (3/8")	
1	Alargadera / Extension / Rallonge 1000V		73280 (3/8")	





8 PCS.

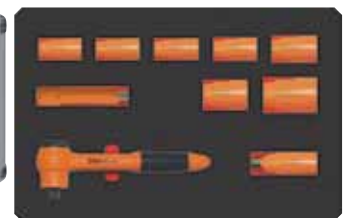
COD		pcs.		
79437	51079	8	inch.	1,5
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
4	Vasos / Sockets / Douilles 1000V		1/4"-5/16"-3/8"-1/2" (3/8")	
2	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V		4-5 mm (3/8")	
1	Alargadera / Extension / Rallonge 1000V		73280 (3/8")	



NEW



10 PCS.

COD		pcs.		
79072	51053	10	mm	2
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
7	Vasos / Sockets / Douilles 1000V		8-10-13-14-17-19-21 mm (3/8")	
1	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V		5 mm (3/8")	
1	Alargadera / Extension / Rallonge 1000V		73280 (3/8")	



NEW

10 PCS.



COD		pcs.		
79477	51053	10	inch	2,5
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
2	Alargadera / Extension / Rallonge 1000V		73276 / 73280 (3/8")	
7	Vasos / Sockets / Douilles 1000V		3/8", 7/16", 1/2", 5/8", 11/16", 3/4", 13/16"	



NEW

11 PCS.

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE



COD		pcs.		
79478	51053	11	inch	2,8
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
2	Alargadera / Extension / Rallonge 1000V		73276 / 73280 (3/8")	
8	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V		3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"	



JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВКИ 3/8"



19 PCS.

SERIE LARGA Y CORTA / LONG AND SHORT SOCKETS / SÉRIE LONGUE ET COURTE

COD		pcs.		
73015	51053	19	mm	3,3
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
1	Alargadera / Extension / Rallonge 1000V		73280 (3/8")	
1	Mango en T / T Handle / Poignée T 1000V		(3/8")	
12	Vasos / Sockets / Douilles 1000V		6-7-8-9-10-11-12-13-14-17-19-21 mm (3/8")	
1	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V		10 mm (3/8")	
3	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V		4-5-7 mm (3/8")	





26 PCS.

COD		pcs.		
79073	51053	26	mm	4,2
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73282 (3/8")	
18	Vasos / Sockets / Douilles 1000V		6-7-8-9-10-11-12-13-14-16-17-18-19-20-21-22-23-24 mm (3/8")	
4	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V		4-5-6-8 mm (3/8")	
1	Alargadera / Extension / Rallonge 1000V		73281 (3/8")	
2	Adaptador / Adapter / Adaptateur 1000V		3/8"-1/2" / 3/8"-1/4"	





1/2"

10 PCS.

COD		pcs.		
79074	51053	10	mm	3
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73447 (1/2")	
8	Vasos / Sockets / Douilles 1000V		8-10-13-17-18-19-21-22 mm (1/2")	
1	Alargadera / Extension / Rallonge 1000V		73445 (1/2")	





12 PCS.

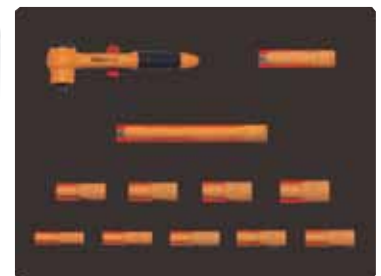
COD		pcs.		
79479	51053	12	inch	3,2
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73447 (1/2")	
2	Alargadera / Extension / Rallonge 1000V		73445 / 73446 (1/2")	
9	Vasos / Sockets / Douilles 1000V		1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	





12 PCS.

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE

COD		pcs.		
79480	51054	12	inch	6,6
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73447 (1/2")	
2	Alargadera / Extension / Rallonge 1000V		73445 / 73446 (1/2")	
9	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V		1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	



14 PCS.

COD		pcs.		
79075	51053	14	mm	3,5
Pcs.	Descripción / Description		Composición / Composition	
1	Carraca / Ratchet / Cliquet 1000V		73447 (1/2")	
12	Vasos / Sockets / Douilles 1000V		8-9-10-11-12-13-14-17-19-21-22-23 mm (1/2")	
1	Alargadera / Extension / Rallonge 1000V		73445 (1/2")	



JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВКИ 1/2"

15 PCS.

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE

COD		pcs.		
79076	51054	15	mm	7

Pcs.	Descripción / Description	Composición / Composition
1	Carraca / Ratchet / Cliquet 1000V	73447 (1/2")
13	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V	10-12-13-14-15-16-17-18-19-21-22-23-27 mm (1/2")
1	Alargadera / Extension / Rallonge 1000V	73446 (1/2")





18 PCS.

COD		pcs.		
73017	51053	18	mm	3

Pcs.	Descripción / Description	Composición / Composition
1	Carraca / Ratchet / Cliquet 1000V	73447 (1/2")
1	Alargadera / Extension / Rallonge 1000V	73445 (1/2")
15	Vasos / Sockets / Douilles 1000V	6-7 mm (1/4") 8-9-10-11-12-13-14-16-17-18-19-21-23 mm (1/2")
1	Adaptador / Adapter / Adaptateur 1000V	1/2"-1/4"



31 PCS.

COD		pcs.		
79077	51054	31	mm	10

Pcs.	Descripción / Description	Composición / Composition
1	Carraca / Ratchet / Cliquet 1000V	73447 (1/2")
23	Vasos / Sockets / Douilles 1000V	8-9-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm (1/2")
5	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	8-10-12-14-17 mm (1/2")
1	Alargadera / Extension / Rallonge 1000V	73445 (1/2")
1	Mango en T / T Handle / Poignée T 1000V	73448 (1/2")



32 PCS.

COD		pcs.		
73016	51053	32	mm	7,3

Pcs.	Descripción / Description	Composición / Composition
1	Carraca / Ratchet / Cliquet 1000V	73447 (1/2")
1	Alargadera / Extension / Rallonge 1000V	73445 (1/2")
24	Vasos / Sockets / Douilles 1000V	8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm (1/2")
5	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	8-10-12-14-17 mm (1/2")



37 PCS.

SERIE LARGA Y CORTA / LONG AND SHORT SOCKETS / SÉRIE LONGUE ET COURTE

COD		pcs.		
79078	51054	37	mm	10,2

Pcs.	Descripción / Description	Composición / Composition
1	Carraca / Ratchet / Cliquet 1000V	73447 (1/2")
23	Vasos / Sockets / Douilles 1000V	8-9-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm (1/2")
4	Vasos (S.L.) / (L.S.) Sockets / Douilles (S.L.) 1000V	10-13-17-19 mm (1/2")
1	Adaptador / Adapter / Adaptateur 1000V	1/2"-3/8"
6	Boquilla hexagonal / Hexagonal sockets / Douille hexagonale 1000V	6-8-11-12-13-14 mm (1/2")
1	Alargadera / Extension / Rallonge 1000V	73445 (1/2")
1	Mango en T / T Handle / Poignée T 1000V	73448 (1/2")



GUANTES AISLANTES / INSULATING GLOVES / GANTS ISOLANTS / SCHUTZHANDSCHUHE, ISOLIERT / GUANTI ISOLATE / LUVAS ISOLADAS / ИЗОЛЯЦИОННЫЕ ПЕРЧАТКИ

COD	Clase Class	Tensión de prueba Proof test voltage Tension d'essai	Tensión de uso Use voltage Tension d'utilisation	Tensión de resistencia Resistance voltage Tension de résistance	L mm	Talla Size Taille	Categoría Category Catégorie	UF
73539	00	2.500V	500V	5.000V		8	AZC	150
73540						9		
73541						10		
73542						11		
73553	0	5.000V	1.000V	10.000V		8	AZC	250
73554						9		
73555						10		
73556						11		
73557	1	10.000V	7.500V	20.000V	360	8	AZC	350
73558						9		
73559						10		
73560						11		
73561	2	20.000V	17.000V	30.000V		8	RC	500
73562						9		
73563						10		
73564						11		
73565	3	30.000V	26.500V	40.000V		8	RC	700
73566						9		
73567						10		
73568						11		
73569	4	40.000V	36.000V	50.000V	410	9	RC	850
73570						10		
73571						11		



IEC-EN 60903

Resistente a/ Resistant to/
Résistance à:

A	Ácido / Acid / Acide
Z	Ozono / Ozone / Ozone
H	Aceite / Oil / Huile
C	Muy baja temperatura / Extremely low temperature / Très basse température
R	A+Z+H

ALMACENAJE / STORAGE / EMBALLAGE:

Los guantes se deberán almacenar en su empaquetado original a una temperatura ambiente entre +5° y +35°C, en un lugar seco y oscuro, sin exposición directa a la luz solar, artificial u otras fuentes de ozono.

Gloves should be stored in their original package at a temperature between +5°C and +35°C in a dark and dry place, not exposed to direct sunlight, artificial light or sources of ozone.

Les gants devront être gardés dans leur emballage d'origine à une température ambiante comprise entre +5° et +35°C, dans un lieu sec et obscur, sans exposition directe au rayon du soleil, à la lumière artificielle ou toutes autres sources d'ozone.

INSPECCIÓN / INSPECTION / INSPECTION:

Antes de cada uso, llevar a cabo una inspección visual y comprobar el guante inflándolo para detectar posibles daños. Cualquier punción o perforación lo hace inutilizable.

Before each use, make a visual inspection and inflate the glove to detect possible damages. Any hole or perforation make it useless.

Avant chaque utilisation, réalisez une inspection visuelle et testez le gant en le gonflant afin de détecter d'éventuels dommages. Toute ponction ou perforation rend le gant inutilisable.

LIMPIEZA / CLEANING / NETTOYAGE:

Usar agua y jabón para limpiarlos.

Use water and soap to clean them.

Utiliser de l'eau et du savon pour le nettoyer.

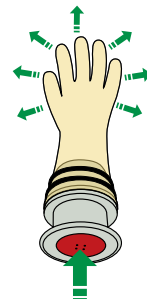
Se recomienda comprobar todos los guantes aislantes cada seis meses / Testing the insulating gloves every six months is advisable /

Il est recommandé de tester les gants isolants tous les six mois.

TESTER NEUMÁTICO PARA GUANTES AISLANTES / PNEUMATIC TESTER FOR INSULATING GLOVES / VÉRIFICATEUR PNEUMATIQUE POUR DES GANTS ISOLANTS / PNEUMATISCHE PRÜFER FÜR ISOLIERTE HANDSCHUHE / TESTER PNEUMATICO PER GUANTI ISOLATI / TESTE PNEUMÁTICO PARA LUVAS ISOLANTES / ПНЕВМАТИЧЕСКИЙ ТЕСТЕР ДЛЯ ИЗОЛИРУЮЩИХ ПЕРЧАТОК

COD	Clase Class Classe	Kg
73490	Clase 00-Clase 0 Class 00-Class 0 Classe 00-Classe 0	0.6

NEW



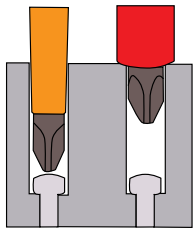
El tester neumático solamente es apto para su uso con guantes de bajo voltage (clase 00 & clase 0) / The pneumatic tester can be only used for the low voltage gloves (class 00 and class 0) / Le testeur pneumatique est seulement utilisable avec des gants basse tension (clase 00 et classe 0)

ALFOMBRAS AISLANTES / ISOLATING CARPETS / TAPIS ISOLANTS / ISOLIERTEPPISCH / TAPPETO ISOLATO / TAPETES ISOLANTES / ДИЭЛЕКТРИЧЕСКИЙ КОВРИК

COD	Resistencia Dieléctrica Dielectric Resistance Résistance diélectrique	Kg
73505	0,6x0,6m	1,4
73506	0,6x1m	2,3
73507	0,6x5m	12
73508	0,6x10m	23
73514	1,2x1m	4,7
73515	1,2x2m	9,5
73516	1,2x5m	23
73517	1,2x10m	47
73518	0,6x1m	3,1
73519	0,6x5m	15
73520	0,6x10m	31
73521	1,2x1m	5,0
73522	1,2x5m	26
73524	1,2x10m	60
73532	1x5m	65
73533	1x10m	130



DESTORNILLADORES / SCREWDRIVERS / TOURNEVIS / HANDSCHRAUBER / CACCIAVITI / CHAVES DE FENDA / ОТВЕРТКИ



El aislamiento de la varilla de los destornilladores 1.000V de EGA Master, ha sido especialmente diseñado para acceder a espacios más reducidos gracias a su aislamiento conico, que le provee de un menor espesor en la punta.

The insulation of EGA Master screwdrivers' bars has been specially designed to allow access to the smallest spaces, as the insulation is made in taper shape (conical), which provides less diameter close to the tip.

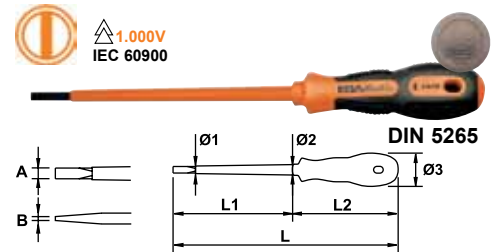
L'isolement de la lame des tournevis 1000V d'EGA Master, il a été spécialement conçu pour accéder à des espaces plus réduits grâce à son isolement conique, qui lui octroie une plus petite épaisseur sur la pointe.



MASTERTORK

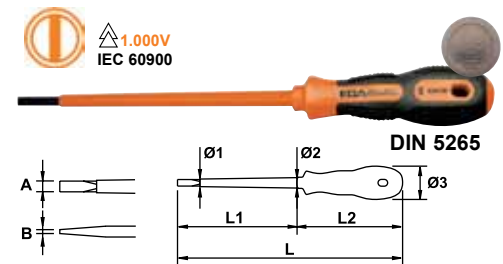
ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETRICISTA / ЭЛЕКТРИЧЕСКАЯ ММ

COD	A	B	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L _T (mm)	Ø3(mm)	Weight	Color
76620	2,5	0,4	4,4	6,1	75	85	160	26	16	Green
76621	3	0,5	4,4	6,1	100	85	185	26	16	Blue
76622	4	0,8	5,4	7	125	105	230	34	8	Blue
76623	5,5	1	6,4	8,8	150	105	255	34	8	Red
76624	5,5	1	6,4	8,8	150	105	255	34	8	Red
76625	6,5	1,2	8,4	11	150	115	265	36	6	-
76626	8	1,2	9,4	12,3	175	130	305	40	6	-
76627	10	1,6	11,4	15	200	130	330	40	6	-



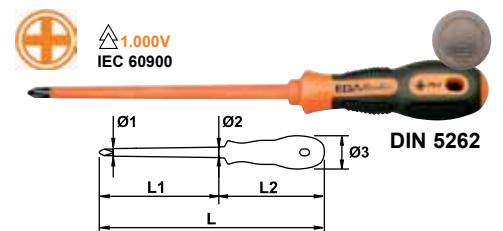
INCH.

COD	A	B	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L _T (mm)	Ø3(mm)	Weight	Color
75063	3/32"	0,016"	4,4	6,1	3"	85	160	26	16	Blue
75064	1/8"	0,02"	4,4	6,1	4"	85	185	26	16	Blue
75065	5/32"	0,032"	5,4	7	5"	105	230	34	8	Blue
75066	7/32"	0,04"	6,4	8,8	5"	105	255	34	8	Blue
75067	7/32"	0,04"	6,4	8,8	5"	105	255	34	8	Blue
75068	1/4"	0,046"	8,4	11	6"	115	265	36	6	-
75069	5/16"	0,046"	9,4	12,3	7"	130	305	40	6	-
75081	25/64"	0,063"	11,4	15	8"	130	330	40	6	-



PHILIPS

COD	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L _T (mm)	Ø3(mm)	Weight	Color	
76628	PH-0	4,4	5	60	85	145	26	16	Green
76738	PH-1	6,4	7,6	80	105	185	34	8	Red
76629	PH-1	6,4	7,6	100	105	205	34	8	Red
76630	PH-2	7,4	9,6	125	115	240	36	6	-
76631	PH-3	9,4	12,3	150	130	280	40	6	-
76632	PH-4	9,4	12,3	200	130	330	40	6	-



PLANO-PHILIPS PARA BORNES ELÉCTRICOS / SLOTTED-PHILIPS FOR TERMINAL SCREWS / PHILIPS-À FENTE
 POUR BORNES ÉLECTRIQUES / SCHLITZ-PHILIPS SCHRAUBENDREHER FÜR SCHRAUBKLEMMEN / TAGLIO-
 PHILIPS PER TERMINALI ELETTRICI / FENDA-PHILIPS PARA BORNES ELÉCTRICOS / ОТВЕРТКА КРЕСТОВАЯ КЛЕММНАЯ PH

COD		$\varnothing 1$ (mm)	$\varnothing 2$ (mm)	L_1 (mm)	L_2 (mm)	L (mm)	$\varnothing 3$ (mm)			
79163	PH-1	6,4	7,6	100	105	205	34	8		1
79164	PH-2	7,4	9,6	125	115	240	36	6		

POZIDRIV

COD		$\varnothing 1$ (mm)	$\varnothing 2$ (mm)	L_1 (mm)	L_2 (mm)	L (mm)	$\varnothing 3$ (mm)			
76633	PZ-0	4,4	5	60	85	145	26	16		
76634	PZ-1	6,4	7,6	100	105	205	34	8		
76635	PZ-2	7,4	9,6	125	115	240	36		1	
76636	PZ-3	9,4	12,3	150	130	280	40	6		-
76637	PZ-4			200		330				

PLANO-POZIDRIV PARA BORNES ELÉCTRICOS / SLOTTED-POZIDRIV FOR TERMINAL SCREWS / POZIDRIV-À FENTE
 POUR BORNES ÉLECTRIQUES / SCHLITZ-POZIDRIV SCHRAUBENDREHER FÜR SCHRAUBKLEMMEN / TAGLIO-POZIDRIV
 PER TERMINALI ELETTRICI / FENDA-POZIDRIV PARA BORNES ELÉCTRICOS / ОТВЕРТКА КРЕСТОВАЯ КЛЕММНАЯ PZ

COD		$\varnothing 1$ (mm)	$\varnothing 2$ (mm)	L_1 (mm)	L_2 (mm)	L (mm)	$\varnothing 3$ (mm)			
79165	PZ-1	6,4	7,6	100	105	205	34	8		1
79166	PZ-2	7,4	9,6	125	115	240	36	6		

TORX

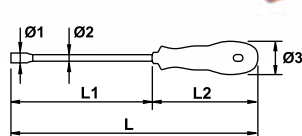
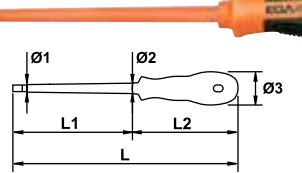
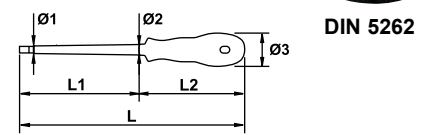
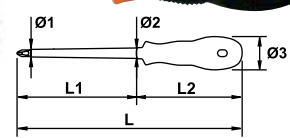
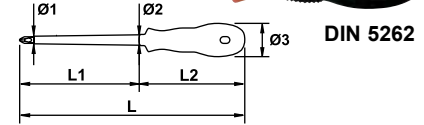
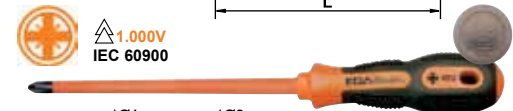
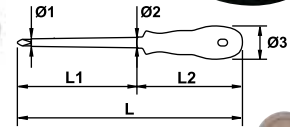
COD		$\varnothing 1$ (mm)	$\varnothing 2$ (mm)	L_1 (mm)	L_2 (mm)	L (mm)	$\varnothing 3$ (mm)			
76638	T-6									
76639	T-7		8	50		135				
76640	T-8	4,4			85		26	16		
76641	T-9		5			160				
76642	T-10			75						
76643	T-15	5,8				180				
76644	T-20		8	100	105	205	34		1	
76645	T-25	6,4				220		8		
76646	T-27			115						
76647	T-30	7,4	9,6		115	240	36			
76648	T-40	8,7				255				
76649	T-45	9,4	12,3	150	128	280	40	6		
76650	T-50	11,4	15	175		305				

TAMPER TORX

COD		$\varnothing 1$ (mm)	$\varnothing 2$ (mm)	L_1 (mm)	L_2 (mm)	L (mm)	$\varnothing 3$ (mm)			
75037	TT-6									
75038	TT-7		8	50		133				
75039	TT-8	4,4			83		26	16		
75040	TT-9		5			158				
75041	TT-10			75						
75042	TT-15	5,8				180				
75043	TT-20		8	100	105	205	34		1	
75044	TT-25	6,4				220		8		
75045	TT-27			115						
75046	TT-30	7,4	9,6		115	240	36			
75047	TT-40	8,7				253				
75048	TT-45	9,4	12,3	150	128	278	40	6		
75049	TT-50	11,4	15	175		303				




DE VASO / SOCKET SCREWDRIVER / CLÉ À DOUILLE EMMANÇHÉE / 6-KANT STECKSCHLÜSSEL / BUSSOLE / DE
 CAIXA / ОТВЕРТКА С ГОЛОВКОЙ

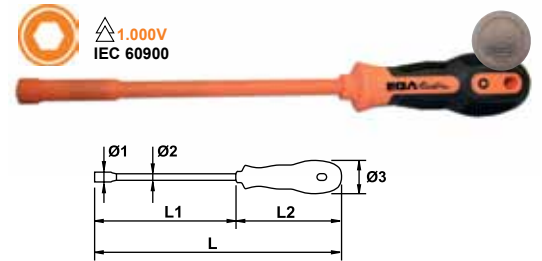
COD		$\varnothing 1$ (mm)	$\varnothing 2$ (mm)	L_1 (mm)	L_2 (mm)	L (mm)	$\varnothing 3$ (mm)			
74698	4									
74699	5	11	7,5	150	105	255	34	8		
74700	5,5									
74701	6	12,5	8,5	160	115	275	36			
74702	7					290				
74703	8									
74704	9	16	10,5						1	
74705	10			175				6		
74706	11				130	305	40			
74707	12	19								
74708	13		11,5							
74709	14	21								






DE VASO / SOCKET SCREWDRIVER / CLÉ À DOUILLE EMMANCHEE / 6-KANT STECKSCHLÜSSEL / BUSSOLE / DE CAIXA / ОТВЕРТКА С ГОЛОВКОЙ

INCH.

COD		$\varnothing 1(\text{mm})$	$\varnothing 2(\text{mm})$	L_1	L_2	L	$\varnothing 3(\text{mm})$		
75132	5/32"								
74984	3/16"	11	7,5	6"	105	255	34	8	1
75133	7/32"								
74985	1/4"								
75134	9/32"	12,5	8,5	7"	130	305	40	6	
74986	5/16"								
74987	3/8"	16	10,5						
75136	25/64"			11,5	130	305	40	6	
74988	7/16"	19							
75138	15/32"								
74989	1/2"	21							
75139	9/16"								






MM.

COD		$\varnothing 1(\text{mm})$	$\varnothing 2(\text{mm})$	L_1	L_2	L	$\varnothing 3(\text{mm})$		
74664	9								
74665	10								
74666	11								
74667	12	11		130		115	6	1	
74668	13								
74669	14								
74670	17								






INCH.

COD		$\varnothing 1(\text{mm})$	$\varnothing 2(\text{mm})$	L_1	L_2	L	$\varnothing 3(\text{mm})$		
74671	3/16"								
74672	1/4"								
74673	5/16"								
74674	3/8"	11		5"		115	6	1	
74675	7/16"								
74676	1/2"								
74677	9/16"								
74678	5/8"								



DESTORNILLADOR PORTAPUNTAS MAGNÉTICO / MAGNETIC BITHOLDER SCREWDRIVER / TOURNEVIS PORTE-EMBOUITS MAGNÉTIQUE / MAGNETISCHER BITHALTER-SCHRAUBENDREHER / CACCIAVITE PORTA INSERTI MAGNETICOM / CHAVE PORTA PONTAS MAGNETICO / ОТВЕРТКА С МАГНИТНЫМ БИТОДЕРЖАТЕЛЕМ




COD		L	gr.		
76737	1/4"	210	120	6	1

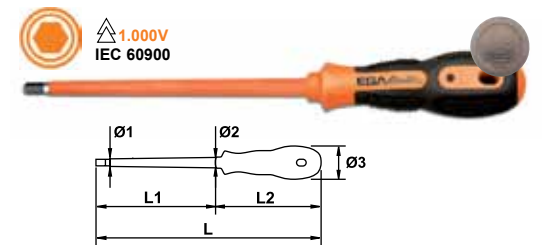
Para ver los diferentes tipos de puntas consultar el capítulo de Puntas de destornillador.
For different types of bits, please check Screwdriver bits' chapter.
Pour voir les différents types de pointes, consultez le chapitre des Pointes de tournevis.






HEXAGONAL ALLEN

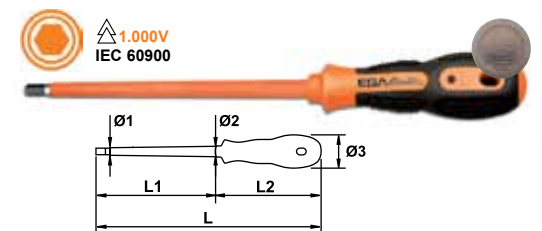
MM.

COD		$\varnothing 1(\text{mm})$	$\varnothing 2(\text{mm})$	L_1	L_2	L	$\varnothing 3(\text{mm})$		
74710	2,5	4,4	6	75		160			
74711	3				85	185	26	16	
74712	4	5,8	8	100		205			
74713	5	6,4			105	230	34	8	
74714	6	7,8	11,2	125		280			
74715	8	9,8	13,4	150	130		40	6	



INCH.

COD		$\varnothing 1(\text{mm})$	$\varnothing 2(\text{mm})$	L_1	L_2	L	$\varnothing 3(\text{mm})$		
75082	3/32"			3/32"		160			
75083	1/8"	4,4	6	1/8"	85	185	26	16	
75084	5/32"	5,8	8	5/32"		205			
75096	1/4"	7,8	11,2	1/4"	105	230	34	8	
75097	5/16"	9,8	13,4	5/16"	130	280	40	6	



ROTORK

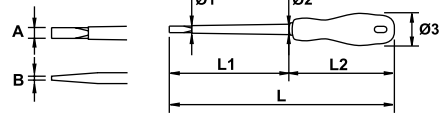
ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETRICISTA / ЭЛЕКТРИЧЕСКАЯ

MM.

COD	A	B	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	Ø3(mm)		
76730	2,5									
76731		0,4	4,4	6,1	60	75	135	22	16	●
76651	3	0,5			100		175			
76652	4	0,8	5,4	7	125		230			●
76653	5	1	6,4	8,8	150	105	255	31	8	●
76654	6	1,2	7,8	11						
76732	8		9,4	12,3	175	115	290	35	6	-
76733	10	1,6	11,4	15	200		315			



DIN 5265

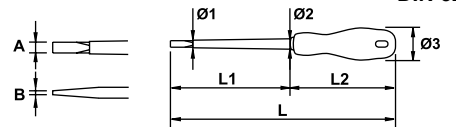


INCH.

COD	A	B	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	Ø3(mm)		
75172	3/32"									
75173		0,016"	4,4	6,1	2"	75	135	22	16	
75174	1/8"	0,02"			4"		175			
75175	5/32"	0,032"	5,4	7	5"		230			
75176	3/16"	0,04"	6,4	8,8	6"	105	255	31	8	1
75177	1/4"	0,046"	7,8	11						
75178	5/16"		9,4	12,3	7"	115	290	35	6	
75179	25/64"	0,063"	11,4	15	8"		315			



DIN 5265

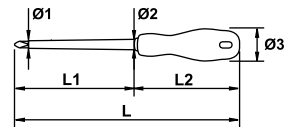


PHILIPS

COD	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	Ø3(mm)			
76655	PH-0	4,4	5	60	75	135	22	16	●
76656	PH-1	6,4	8	100	105	205	31	8	●
76657	PH-2	7,4	9,6	125	105	230	31	8	●
76658	PH-3	9,4	12,3	150	118	268	35	6	-
76735	PH-4		200		318				



DIN 5262

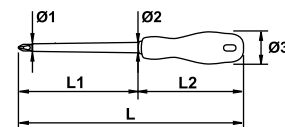


POZIDRIV

COD	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	Ø3(mm)			
76659	PZ-0	4,4	5	60	75	135	22	16	
76660	PZ-1	6,4	8	100	105	205	31	8	
76661	PZ-2	7,4	9,6	125	105	230	31	8	1
76662	PZ-3	9,4	12,3	150	118	268	35	6	
76736	PZ-4		200		318				



DIN 5262



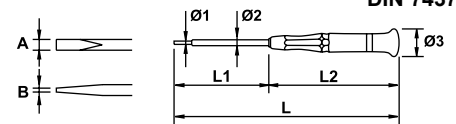
MICROTRONIC

ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETRICISTA / ЭЛЕКТРИЧЕСКАЯ

COD	A	B	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	Ø3(mm)		
75156	1,5	0,23	1,5	3,1	40		140			
75157	1,8	0,3	1,8	3,4	60		160	19	10	1
75158	2	0,4	2	3,6		100				
75159	2,5		2,5	4,1			175			
75201	3	0,5	3	4,6						



DIN 7437

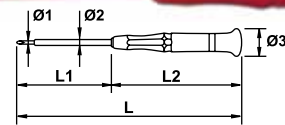


PHILIPS

COD	Ø1(mm)	Ø2(mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	Ø3(mm)			
75202	PH-00	2,5	4,1	75	100	175	19	10	1
75203	PH-0	3	4,6						





DIN 7438




EXPOSITORES Y SETS / DISPLAYS AND SETS / PRESENTOIRS ET SETS / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ



MASTERTORK
1000V 4 PCS.


COD pcs.			
A-76675 B-76676 C-76677	1	PH0	
		PH1	
		PH2	
		PH3	

COD pcs.			
A-76663 B-76664 C-76665	1	PZ0	
		PZ1	
		PZ2	
		PZ3	


1000V 5 PCS.



COD pcs.			
A-76666 B-76667 C-76668	1	3x100	
		4x125	
		5,5x150	
		6,5x150	
		8x175	



COD pcs.				
A-76909 B-76910 C-76911	1	3x100		
		4x125		
		5,5x125		
		PZ1		
		PZ2		



COD pcs.			
A-76915 B-76916 C-76917	1	PH0	
		PH1	
		PH2	
		PH3	
		PH4	



1000V 6 PCS.


COD pcs.			
A-76669 B-76670 C-76671	1	2,5x75	
		3x100	
		4x125	
		5,5x150	
		6,5x150	
		8x175	


COD pcs.				
A-76900 B-76901 C-76902	1	3x100		
		4x125		
		5,5x150		
		PH0		
		PH1		
PH2				

COD pcs.				
A-76921 B-76922 C-76923	1	2,5x75		
		3x100		
		4x125		
		5,5x125		
		PH1		
		PH2		

COD pcs.				
A-76927 B-76928 C-76929	1	3x100		
		4x125		
		6,5x150		
		PH1		
		PH2		
PH3				

COD pcs.				
A-76933 B-76934 C-76935	1	3x100		
		4x125		
		6,5x150		
		PZ0		
		PZ1		
PZ2				

COD pcs.			
A-76930 B-76931 C-76932	1	T8	
		T9	
		T10	
		T15	
		T20	
		T25	

COD pcs.			
A-76924 B-76925 C-76926	1	6	
		7	
		8	
		9	
		10	
		13	

A



B




C









EXPOSITORES Y SETS / DISPLAYS AND SETS / PRESENTOIRS ET SETS / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ




MASTERTORK
1000V 7 PCS.


COD	pcs.		
A-76936 B-76937 C-76938	1	5	
		5,5	
		6	
		7	
		8	
		10	
		13	




1000V 8 PCS.




COD	pcs.			
A-76672 B-76673 C-76674	1	3x100		
		4x125		
		5,5x150		
		6,5x150		
		PH1		
		PH2		
		PZ1		
		PZ2		

COD	pcs.			
A-76918 B-76919 C-76920	1	2,5x75		
		4x125		
		5,5x125		
		6,5x150		
		PH0		
		PH1		
PH2				
		PH3		

COD	pcs.			
A-76939 B-76940 C-76941	1	2,5x75		
		3x100		
		4x125		
		6,5x150		
		PH0		
		PH1		
		PH2		
		PH3		

COD	pcs.		
A-76906 B-76907 C-76908	1	2,5x75	
		3x100	
		4x125	
		5,5x125	
		6,5x150	
		PZ0	
PZ1			
PZ2			

COD	pcs.			
A-76903 B-76904 C-76905	1	3x100		
		4x125		
		5,5x150		
		6,5x150		
		PH1		
		PH2		
		PZ1		
		PZ2		

COD	pcs.			
A-76912 B-76913 C-76914	1	PH0		
		PH1		
		PH2		
		PH3		
		PZ0		
		PZ1		
		PZ2		
		PZ3		

A



B



C



SET





1.000V
IEC 60900


COD	Composición / Composition	LxWxH	Kg.
76678	76607 Alicate universal 180mm / 180mm Combination plier MASTERCUT TITACROM BIMAT 1000V	320x190x280	0,7
	76621 Destornillador electricista / Electrician screwdriver MASTERTORK 3X100mm		
	76629 Destornillador Philips / Philips Screwdriver MASTERTORK PH-1 5x100mm		
	62493 Alicate para terminales aislados 200mm / Plier for insulated terminals 200mm		
66074 Buscapolos digital 160mm / 160mm Digital voltage tester			
76679	76607 Alicate universal 180mm / 180mm Combination plier MASTERCUT TITACROM BIMAT 1000V	320x190x280	0,7
	76621 Destornillador electricista / Electrician screwdriver MASTERTORK 3X100mm		
	76622 Destornillador electricista / Electrician screwdriver MASTERTORK 3X100mm		
	76629 Destornillador Philips / Philips screwdriver MASTERTORK PH-1 5x100mm		

EXPOSITORES Y SETS / DISPLAYS AND SETS / PRESENTOIRS ET SETS / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ


MASTERTORK
1000V 12 PCS.

COD	pcs.		NEW
D-79466	1	TT7	
		TT8	
		TT9	
		TT10	
		TT15	
		TT20	
		TT25	
		TT27	
		TT30	
		TT40	
		TT45	
		TT50	

COD	pcs.		NEW
D-79467	1	4	
		5	
		5,5	
		6	
		7	
		8	
		9	
		10	
		11	
		12	
		13	
		14	

COD	pcs.		NEW
D-79468	1	5/32"	
		3/16"	
		7/32"	
		1/4"	
		9/32"	
		5/16"	
		3/8"	
		25/64"	
		7/16"	
		15/32"	
1/2"			
9/16"			

1000V 13 PCS.

COD	pcs.		NEW
D-79465	1	T6	
		T7	
		T8	
		T9	
		T10	
		T15	
		T20	
		T25	
		T27	
		T30	
		T40	
		T45	
		T50	


D




EXPOSITORES Y SETS / DISPLAYS AND SETS / PRESENTOIRS ET SETS / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ


ROTORK

1000V 4 PCS.


COD	pcs.		
A-76987	1	PH0	
B-76988		PH1	
C-76989		PH2	
		PH3	


COD	pcs.		
A-76984	1	PZ0	
B-76985		PZ1	
C-76986		PZ2	
		PZ3	


1000V 5 PCS.


COD	pcs.		
A-76960	1	PH0	
B-76961		PH1	
C-76962		PH2	
		PH3	
		PH4	

1000V 6 PCS.

COD	pcs.		
A-76680	1	3x100	
B-76681		4x125	
C-76682		5,5x150	
		PH0	
		PH1	
		PH2	

COD	pcs.		
A-76972	1	2,5x60	
B-76973		3x100	
C-76974		4x125	
		5,5x150	
		6,5x150	
		8x175	

COD	pcs.		
A-76954	1	3x100	
B-76955		4x125	
C-76956		5,5x150	
		6,5x150	
		8x175	
		10x200	

COD	pcs.		
A-76966	1	2,5x60	
B-76967		3x100	
C-76968		4x125	
		5,5x150	
		PH1	
		PH2	

A



B









C






EXPOSITORES Y SETS / DISPLAYS AND SETS / PRESENTOIRS ET SETS / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ




1000V 6 PCS.

COD		pcs.			
A-76942 B-76943 C-76944	1	3x100			
		4x125			
		5,5x150			
		PH0			
		PH1			
PH2					





COD		pcs.			
A-76951 B-76952 C-76953	1	3x100			
		4x125			
		5,5x150			
		PZ0			
		PZ1			
PZ2					







COD		pcs.			
A-76975 B-76976 C-76977	1	3x100			
		4x125			
		6,5x150			
		PH1			
		PH2			
PH3					





COD		pcs.			
A-76969 B-76970 C-76971	1	3x100			
		4x125			
		6,5x150			
		PZ0			
		PZ1			
PZ2					




1000V 8 PCS.





COD		pcs.			
A-76683 B-76684 C-76685	1	3x100			
		4x125			
		5,5x150			
		6,5x150			
		PH1			
		PH2			
PZ1					
		PZ2			




COD		pcs.			
A-76963 B-76964 C-76965	1	2,5x60			
		4x125			
		5,5x150			
		6,5x150			
		PH0			
		PH1			
PH2					
		PH3			



COD		pcs.			
A-76981 B-76982 C-76983	1	2,5x60			
		3x100			
		4x125			
		6,5x150			
		PH0			
		PH1			
		PH2			
		PH3			

COD		pcs.			
A-76948 B-76949 C-76950	1	2,5x60			
		3x60			
		4x125			
		5,5x150			
		6,5x150			
		PZ0			
		PZ1			
PZ2					




COD		pcs.			
A-76978 B-76979 C-76980	1	3x100			
		4x125			
		5,5x150			
		6,5x150			
		PH0			
		PH1			
PH2					
		PH3			

COD		pcs.			
A-76957 B-76958 C-76959	1	PH0			
		PH1			
		PH2			
		PH3			
		PZ0			
		PZ1			
		PZ2			
		PZ3			



MICROTRONIC

MICROTRONIC 1000V 7 PCS.



COD		pcs.			
76083	1	1,5x40			
		1,8x60			
		2x60			
		2,5x75			
		3x75			
		PH00			
		PH0			

NEW



JUEGOS ELECTRICIDAD / ELECTRICIAN SETS / SETS ÉLECTRICIENS / WERKZEUGSÄTZE FÜR ELEKTRIZITÄT / KIT ELETTRICISTI / JOGOS ÉTRICIDADE / НАБОР ЭЛЕКТРИКА



5 PCS.

COD		pcs.		
79060	51033	5	mm	1,2

Pcs.	Descripción / Description	Composición / Composition
4	Alicates / Pliers 1000V	76583, 76594, 76603, 76595
1	Tenaza de canal / Box joint 1000V	73004





10 PCS.

COD		pcs.		
79061	51033	10	mm	3

Pcs.	Descripción / Description	Composición / Composition
4	Alicates / Pliers 1000V	76583, 76594, 76603, 76595
3	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76623, 76626
2	Destornilladores pozidriv Screwdriver 1000V	76634, 76635
1	Tenaza de canal / Box joint 1000V	73004





10 PCS.

COD		pcs.		
79062	51033	10	mm	2,5

Pcs.	Descripción / Description	Composición / Composition
4	Alicates / Pliers 1000V	76583, 76603, 76590, 76599
1	Tester	66072
4	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76622, 76623, 76625
1	Destornilladores philips Screwdriver 1000V	76629



17 PCS.


COD		pcs.		
79063	51033	17	mm	3,6

Pcs.	Descripción / Description	Composición / Composition
6	Alicates / Pliers 1000V	76584, 76599, 76592, 76603, 76589, 76590
1	Tester	66072
6	Destornilladores electricistas / Electrician screwdriver 1000V	76620, 76621, 76623, 76625, 76626, 76627
2	Destornilladores philips Screwdriver 1000V	76629, 76630
2	Cuchillos / Knives 1000V	73035, 73036



JUEGOS ELECTRICIDAD / ELECTRICIAN SETS / SETS ÉLECTRICIENS / WERKZEUGSÄTZE FÜR ELEKTRIZITÄT / KIT ELETTRICISTI / JOGOS ÉCTRICIDADE / НАБОР ЭЛЕКТРИКА


26 PCS.

COD		pcs.		Kg
79064	51033	26	mm	5

Pcs.	Descripción / Description	Composición / Composition
7	Alicates / Pliers 1000V	76583, 76603, 76592, 76594, 76595, 76590, 76589
2	Llaves hexagonales / Hexagonal wrenches 1000V	73156, 73158
5	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76622, 76623, 76625, 76626
2	Destornilladores philips Screwdriver 1000V	76629, 76630
2	Destornilladores pozidriv Screwdriver 1000V	76634, 76635
4	Destornilladores de vaso / Socket screwdriver 1000V	74700, 74701, 74702, 74703
2	Cuchillos / Knives 1000V	73035, 73036
1	Cortacables / Cable Cutter 1000V	73008
1	Tester	66072




27 PCS.

COD		pcs.		Kg
79065	51054	27	inch	8

Pcs.	Descripción / Description	Composición / Composition
3	Alicates / Pliers 1000V	76583, 76597, 76592
3	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76623, 76625
2	Destornilladores philips Screwdriver 1000V	76629, 76630
1	Carraca / Ratchet 1000V	73282
2	Alargadera 3/8" Extension 1000V	73280, 73281
8	Vasos 3/8" Sockets 1000V	75162, 75163, 75164, 75165, 75167, 75168, 75169, 75170
8	Llaves de estrella acodada una boca / Offset ring wrenches 1000V	73349, 73350, 73351, 73352, 73353, 73354, 73355, 73356



37 PCS.

COD		pcs.		Kg
79066	51054	37	mm	9

Pcs.	Descripción / Description	Composición / Composition
4	Alicates / Pliers 1000V	76583, 76603, 76592, 76599
1	Cortacables / Cable Cutter 1000V	73008
6	Llaves fijas una boca / Single ended open jaw spanner 1000V	73064, 73067, 73068, 73071, 73073, 73076
6	Llaves de estrella / Ring wrenches 1000V	73122, 73125, 73126, 73129, 73131, 73134
1	Carraca / Ratchet 1000V	73447
2	Alargadera / Extension 1000V	73446, 73445
1	Mango en T / T Handle 1000V	73448
9	Vasos 1/2" Sockets 1000V	74962, 74963, 74964, 74965, 74966, 74969, 74971, 74974, 74976
2	Cuchillos / Knives 1000V	73035, 73036
1	Pinza de plástico / Plastic tweezers 1000V	73040
4	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76622, 76623, 76625



52 PCS. JUEGOS ELECTRICIDAD / ELECTRICIAN SETS / SETS ÉLECTRICIENS / WERKZEUGSÄTZE FÜR ELEKTRIZITÄT / KIT ELETTRICISTI / JOGOS ÉCTRICIDADE / НАБОР ЭЛЕКТРИКА

Pcs.	Descripción / Description	Composición / Composition
8	Alicates / Pliers 1000V	76584, 76590, 76592, 76591, 76593, 76594, 76595, 76603
1	Tenaza cortacables / Cable cutter 1000V	73008
2	Pinzas / Tweezers 1000V	73040, 73041
2	Cuchillos / Knifes 1000V	73035, 73036
1	Cortacables de carraca / Ratchet electrician cable cutter 1000V	73011
1	Tenazas de canal / Box joint 1000V	73005
1	Llave ajustable / Adjustable wrench 1000V	76552
8	Llaves fijas una boca / Single ended open jaw spanner 1000V	73064, 73065, 73066, 73067, 73068, 73071, 73073, 73076
1	Tijera electricista / Electrician's scissors	69534
1	Alicate para terminales / Terminals plier	62494
1	Tester	66076
6	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76622, 76624, 76625, 76626, 76627
5	Destornilladores phillips Screwdriver 1000V	76628, 76629, 76630, 76631, 76632
1	Soldador de estaño / Soldering iron	63254
1	Succionador con boquilla antiestática para soldadura	63256
1	Desoldering pump with anti-static rubber nozzle	
1	Espejo articulado / Joint telescopic mirror	65587
6	Vasos / Sockets 1000V	73232, 73233, 73234, 73236, 73238, 73239
1	Alargadera / Extension 1000V	73245
1	Carraca / Ratchet 1000V	73246
3	Boquillas hexagonales / Hexagonal sockets 1000V	73251, 73252, 73253



COD		pcs.		Kg.
76686	-	52	mm	6,0
76687	51011	53		31

37 PCS. JUEGOS ELECTRICIDAD / ELECTRICIAN SETS / SETS ÉLECTRICIENS / WERKZEUGSÄTZE FÜR ELEKTRIZITÄT / KIT ELETTRICISTI / JOGOS ÉCTRICIDADE / НАБОР ЭЛЕКТРИКА

Pcs.	Descripción / Description	Composición / Composition
5	Alicates / Pliers 1000V	76584, 76591, 76593, 76595, 76603
1	Tenaza cortacables / Cable cutter 1000V	73008
1	Pinzas / Tweezers 1000V	73040
1	Cuchillos / Knifes 1000V	73035
1	Tenazas de canal / Box joint 1000V	73005
5	Llaves fijas una boca / Single ended open jaw spanner 1000V	73064, 73065, 73067, 73068, 73070
1	Tijera electricista / Electrician's scissors	69534
1	Tester	66076
5	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76622, 76624, 76625, 76626
3	Destornilladores phillips Screwdriver 1000V	76629, 76630, 76631
1	Soldador de estaño / Soldering iron	63254
1	Succionador con boquilla antiestática para soldadura / Desoldering pump with anti-static rubber nozzle	63256
6	Vasos / Sockets 1000V	73232, 73233, 73234, 73236, 73238, 73239
1	Alargadera / Extension 1000V	73245
1	Carraca / Ratchet 1000V	73246
3	Boquillas hexagonales / Hexagonal sockets 1000V	73251, 73252, 73253



COD		pcs.		Kg.
76688	-	37	mm	3,0
76689	51010	38		7,0

16 PCS.

Pcs.	Descripción / Description	Composición / Composition
3	Alicates / Pliers 1000V	76584, 76591, 76595
1	Pinzas / Tweezers 1000V	73040
1	Cuchillos / Knifes 1000V	73035
3	Llaves fijas una boca / Single ended open jaw spanner 1000V	73064, 73067, 73070
1	Tijera electricista / Electrician's scissors	69534
1	Buscapolos / Voltage tester	66071
4	Destornilladores electricistas / Electrician screwdriver 1000V	76621, 76622, 76625, 76626
2	Destornilladores phillips Screwdriver 1000V	76629, 76630



COD		pcs.		Kg.
76690	-	16	mm	2,0
76691	51013	17		4,0